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*The*

# CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3039  
VOL. CXXVIII

MAY 7, 1938

Annual Subscription (with  
Diary) 20/- Single Copies 9d.

*A Germicidal  
Toilet Soap*

*A Germicidal  
Toilet Soap*

ALLEN & HANBURYS Ltd.  
LONDON, E.2

Telephone :  
Bishopsgate 3201 (12 lines)

Telegrams :  
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**Lysantol**

**SOAP**

**Lysantol**

**6D** In cartons per tablet

# NEKO SELLS WELL IN SUMMER



PARKE, DAVIS & CO., 50, BEAK ST. LONDON, W. 1.

SHOW IT—IT SELLS ON SIGHT

# Elasto

REGISTERED

THE WONDER TABLET



1'3 Profit on every sale

Recommend Elasto For :

VARICOSE VEINS, ULCERS,  
ECZEMA, RHEUMATISM,  
HEART TROUBLES AND  
ALL LEG TROUBLES, ETC.

Retail 5/- per box (one month's supply).  
Wholesale 45/- per doz. P.A.T.A.

**The NEW ERA TREATMENT CO. LTD.**  
**CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1**

A A

# TREFOREST TRADING ESTATE SPECIAL CONTRIBUTIONS *towards* RENT, RATES AND TAXES

**1,000,000  
SHOPPING BASKETS**  
*within an hour and a half of your factory by delivery van*

GOVERNMENT-ASSISTED

**LOANS AT LOW INTEREST**  
*for the purchase of plant  
and the provision of  
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PER SQ. FT. PER ANNUM**

Post this for full particulars of the special financial inducements, power and transport services, local markets, sites, factories, etc., to:—Douglas A. Duncan, General Manager, South Wales and Monmouthshire Estates Ltd., 44c Western Mail Chambers, Cardiff. Phone: Cardiff 3674.

Name.....

Business Address.....

# TREFOREST TRADING ESTATE

KICKING'S TOO GOOD FOR HIM—kill him dead! Remember—one dog flea may carry 20 embryo tapeworms, waiting their chance to involve you in endless trouble and expense. Eliminate this risk of worms—87% of tape worm infections are due to dog fleas—and the other risks as well, simply by following the

## COOPER HEALTH ROUTINE\*

**1 TO PREVENT TAPEWORMS**—Spend five minutes once a week dusting your dog's coat with PULVEX, to keep him free from fleas and all flea-borne parasites. A 6d. tin lasts several months.

**NO FLEA CAN LIVE** on a PULVEX'd dog within a week of your dusting him, which cuts out the flea risk. The other risks are reduced to the minimum by C.V.R., which, with its vitamins A, B, and D, builds up the dog's resistance to all infections, and, with its mineral salts, cures the habit of eating excrement—the main cause of roundworm infestation. Feeding excrement is an attempt to make good the lack of these essential salts. A normal diet can certainly provide them, with the other vital factors scientifically combined in C.V.R. accordingly is *indefeasible*.

**2 TO PREVENT ROUNDWORMS**—Spend thirty seconds once a day sprinkling his main meal with Cooper's Vitamin Ration, to give him vital elements he won't get any other way. A 1.6 tin lasts two months.

**IF YOUR DOG HAS WORMS NOW**, Cooper's Liquid Worm Remedy will rid him of the lot, tapeworms and roundworms, with as little distress and danger as possible. Then the Cooper Health Routine, faithfully followed, will prevent the need for repeated worming.

\* This simple routine was devised and perfected by Cooper's own Research Bureau, who carries on his only research work done on these lines in this country. For any further information that will help you, please write us fully as you can to the Dog Remedies Department.

PULVEX VERMIN POWDER | COOPER'S VITAMIN RATION | COOPER'S LIQUID WORM REMEDY  
6d and 1/3 sprinkler tins | 1.6, 2.9, and 4.6 | FROM ALL CHEMISTS AND DOG SHOPS  
COOPER, McDougall & Robertson Limited, Berkhamsted, Herts

**KILL THAT FLEA**—Nobody that sees this advertisement full size in the 'Tailwagger' etc. will be left in doubt about how to do *that*. We reproduce *Ctenocephalus canis* here now and spell KILL with a double £ to remind you that there's a lot of money to be made on dogs. Vet. counters in quite small shops are turning over a steady £5 per week. Have you got one? The Cooper Health Routine will give you a flying start and a dependable mainstay. Three sales in one and nine times the profit in the year.

**PULVEX VERMIN POWDER**

6d and 1/3 sprinkler tins

**COOPER'S VITAMIN RATION**

1/6, 2/9, and 4/6

**COOPER'S LIQUID WORM REMEDY**

Small dogs 1/3, larger dogs 2/6 bottles

TRADE TERMS—less 33½% and less 5% cash monthly



COOPER, McDougall & Robertson Limited, Berkhamsted, Herts

# EXTRACTS

TINCTURES RESINOIDS  
OLEO-RESINS MEDICINAL RESINS

**ALOIN**

**JALAP RESIN**

**SCAMMONY RESIN**

---

**EXTRACT of QUASSIA**

**WILLIAM RANSOM & SON**

ESTABLISHED 1846

Ltd.

*Manufacturing Chemists*

**HITCHIN near LONDON**

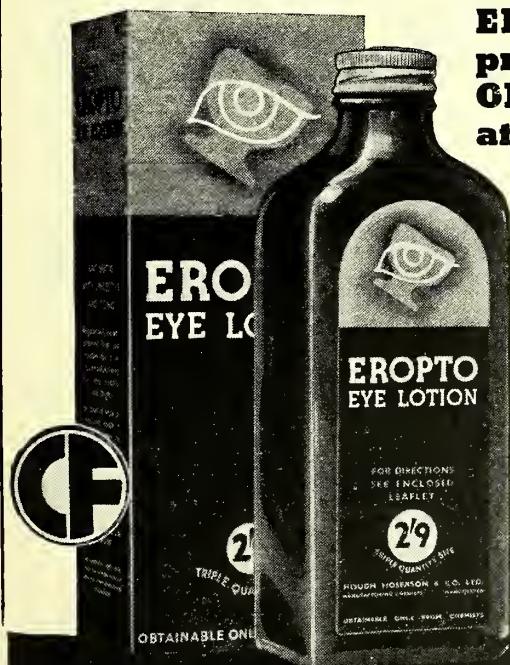
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## EYE LOTIONS ARE IN STEADY DEMAND

**EROPTO EYE LOTION—a new product reserved for CHEMISTS ONLY—is just the line to display at the present time**



Neat and dignified packings attract the purchaser. The formula is excellent and the product is effective. Attractive Showcards and Window Bills are available. There are two sizes retailing at 1/6 and 2/9.

### TRADE TERMS:

Small Size 10/- per doz.	-	9/- per doz.
	for 3 doz. quantities	
Large Size 18/- "	-	17/- per doz.
		for 3 doz. quantities

*A display will quickly pay for itself and keep your till busy. Order a trial dozen and see how well they sell*

**HOUGH HOSEASON & CO. LTD. BRIDGE STREET, MANCHESTER, 3.**

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*When you tender for* **Disinfectants** to Hospitals, Public Institutions, Local Councils, &c. **REMEMBER that** **BURT, BOULTON & HAYWOOD LTD.** Managers to the **PRINCE REGENT TAR COMPANY, LTD.** give you special terms for contracts.

Carbolic Disinfecting Fluids containing 3% to 80% Tar Acids. White Disinfecting Fluids—miscible in salt, fresh or brackish water, Co-efficients 10/12, 18/20, 20/22, 24/26.

Lysol B.P. Quality. Pine Disinfecting Fluids.

Pink Carbolic Disinfecting Powders containing 5% to 20% Tar Acids.

Carbolic Sheep Dips, approved by the Ministry of Agriculture under the Sheep Scab order.

Tar Acids and Rideal Walker Co-efficiency guaranteed.

Special Disinfectant Fluids approved by the Ministry of Agriculture under the "Diseases of Animals Acts." May be packed and sold by Chemists under own name.

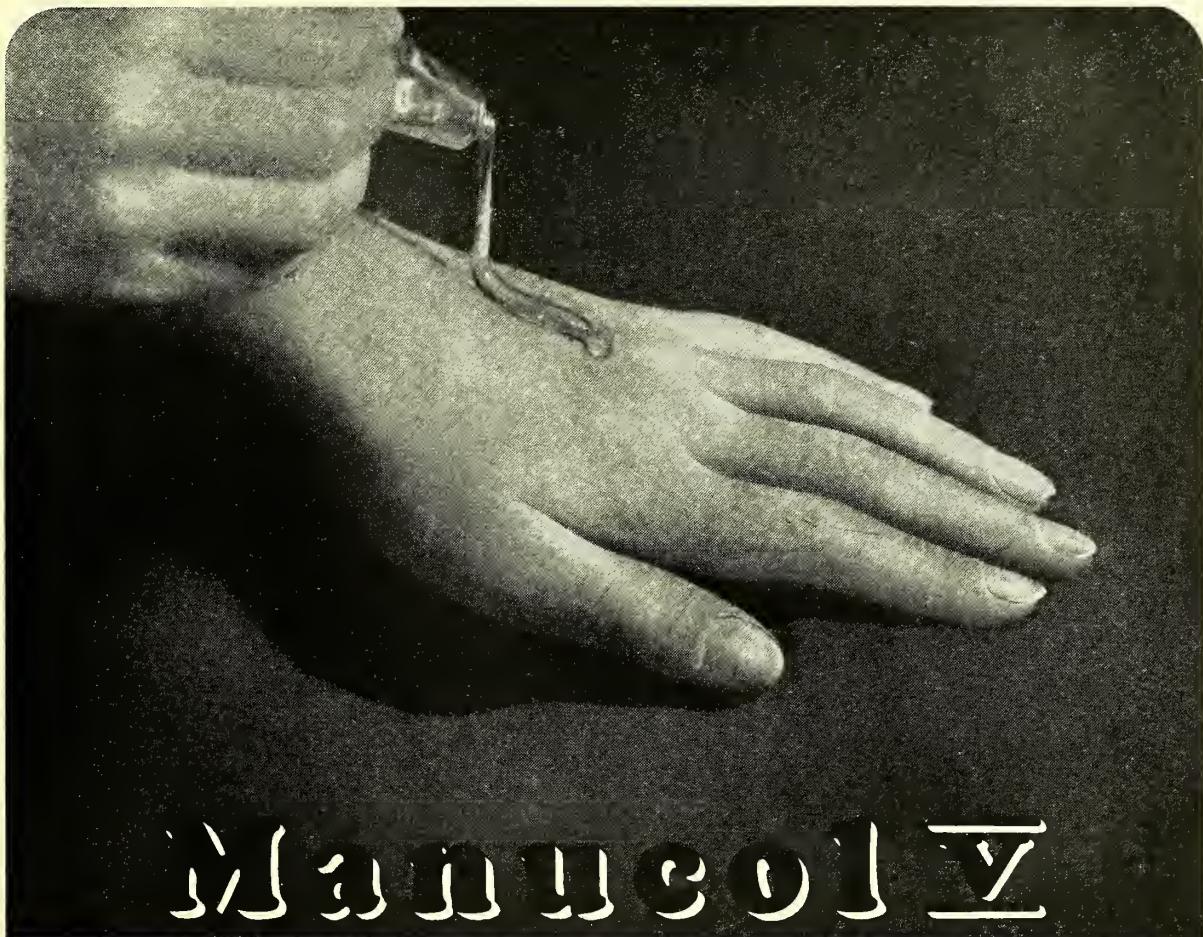
SAMPLES AND PRICES ON APPLICATION TO

Carbolic Disinfecting Fluids, Rideal Walker Co-efficients 2 to 20 Liquid Carbolic and Cresylic Acid, Dark 95/97% and Pale 97/99%.

Sulphur Candles, Formaldehyde (Formalin) 40% Solution Formaldehyde (Formalin) Tablets. Liquid Soaps

SOLUBLE Carbolic or Pine Blocks for road watering vans Carbolic Weed Killer, etc.

**PRINCE REGENT TAR COMPANY, LTD.**  
(Managers : **BURT, BOULTON & HAYWOOD, LTD.**)  
BRETTENHAM HOUSE, WELLINGTON STREET, STRAND, LONDON, W.C.2  
Phone: Temple Bar 5801 (5 lines) Telegrams: "Burboul, Rand, London"



# MANUCOL V

## The New Cosmetic Base

Pharmaceutical and Cosmetic Manufacturers of this season's Sunburn Jellies, Witch-Hazel Jellies, Glycerine Hand Creams, etc., who require a base that will give an unequalled smoothness and evenness of flow, that will leave the tube in a firm, continuous jelly with no break, should test a sample of Manucol V. Because of its:—

**Uniformity** Controlled processing means it cannot vary from batch to batch.

**Purity** Manucol V is technically a pure powdered form of Sodium Alginate.

**Cost** Price is constant and compares favourably with that of imported gums.



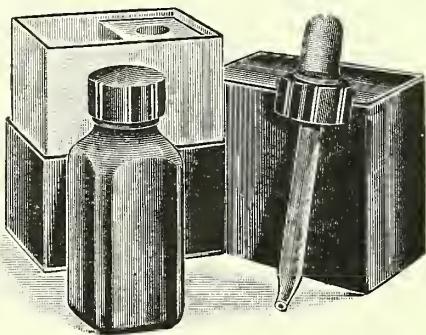
**ALBRIGHT &**

Shell-Mex House,  
Telephone:

**WILSON LTD.**

Strand, London, W.C.2.  
Temple Bar 7711.

## AN ELEGANT ACCESSORY for CREDITABLE DISPENSING . . .



THE  
**"CLINBRITIC" DROP BOTTLE**  
WITH EXTRA BAKELITE SCREW CAP

IN PLAIN AMBER GLASS

$\frac{1}{2}$  oz. Size 5/- 3 doz. 1 oz. Size 6/- doz.  
SERIES—"CLINBRITIC, S.S."

Each packed in a well-made shouldered box

**BRITTON, MALCOLM & WAYMARK LTD.**  
SPECIALISTS IN DRUGGISTS' AND SURGICAL SUNDRIES  
38 SOUTHWARK BRIDGE ROAD, LONDON, S.E.1

TELEPHONE: WATERLOO 4874 (3 LINES).



ESTABLISHED  
1904

Specialists  
in the manufacture  
of  
Tablets  
and  
Pills

Over 30 years of Specialised  
Manufacturing Experience  
assure you of

**QUALITY and ACCURACY**  
Our PRICES are COMPETITIVE

To the RETAIL CHEMIST we offer service which  
is second to none.

Bulk Orders and urgent packed orders, with own  
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Write for a copy of our LIST.

SPECIAL FORMULÆ made and despatched with  
the minimum of delay.

Special Quotations for Wholesale Quantities or Export.

The  
**Cooper Laboratory**  
Watford

Telephone  
3612

Telegrams:  
"Science"

*Develop profitable  
after-sales service in  
LEKTROLITE FLUID for  
flameless, non-mechanical  
LEKTROLITE-GLOLITE  
CIGARETTE LIGHTERS!*

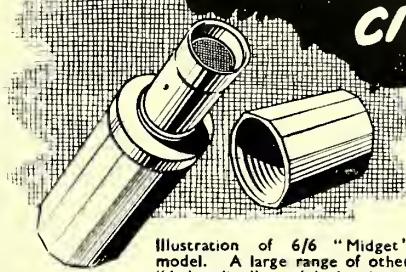


Illustration of 6/6 "Midget" model. A large range of other "Lektrolite" models is always available.

**Every LEKTROLITE sale means a regular customer for LEKTROLITE FLUID which only YOU can supply...  
..a service which yields generous profits and a regular turnover!**

**Here are the NEW TERMS on 1/3 and 2/- Bottles of Lektrolite Fluid operative from May 1st, 1938**

QUANTITY	DISCOUNT
<b>1 - 6</b>	<b>25%</b>
<b>12 - 36</b>	<b>33<math>\frac{1}{3}</math>%</b>
<b>72 - 144</b>	<b>33<math>\frac{1}{3}</math>% and 10%</b>
<b>144 and over</b>	<b>33<math>\frac{1}{3}</math>% and 15%</b>

**SETTLEMENT TERMS:**

Cash with order 5%. Cash within 10 days 2½%. Monthly strictly nett. All orders for less than 1 doz. will be filled by our wholesale distributor covering your area or direct from us. Supplies over 1 doz. will be sent carriage paid.

Not only do you make a handsome profit from the sale of every Lektrolite, its novelty, which seems almost magical, brings sales to the friends of every purchaser. And then there is steady repeat business in fluid, for Glolite users do not refill with petrol from their own carburettors, or wood alcohol or spirits. They must use Lektrolite fluid which can only be obtained from stockists of the lighters. Lektrolite-Glolites are flameless, windproof, non-mechanical and odourless; their novelty sets people talking and they fill a very real need to all smokers.

Goods are guaranteed against faulty workmanship and materials. A small service charge will be made in the event of misuse or accidental damage. Stockists should become familiar with the very simple servicing of them, which is explained fully in the small brochure obtainable from the suppliers.

*Send NOW for details to:--*

**PLATINUM PRODUCTS LTD.**  
**ASTOR HOUSE • ALDWYCH • LONDON • W.C.2**

**Millions  
are  
learning to  
HALEXERCISE  
too!**

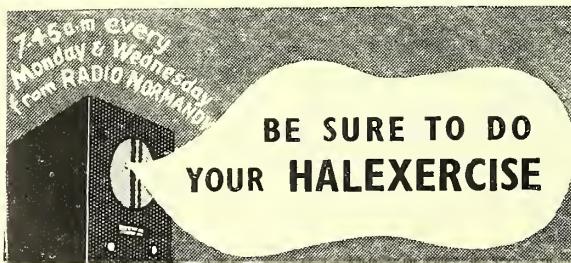


Order more HALEX toothbrushes now. The National Fitness Campaign has interested people in exercise—and now a carefully-timed campaign in the leading newspapers and family magazines is telling them to HALEXercise too. Your customers are all reading and hearing about the new HALEXercise and they need HALEX toothbrushes.

**IT'S DOING GREAT THINGS  
FOR YOUR SALES OF  
HALEX TOOTHBRUSHES**

REGD. TRADE MARK

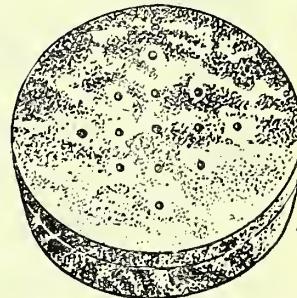
Order from your usual wholesaler, or from  
The British Xylonite Company Limited, Hale End, E.4



**At last! GUARANTEED  
Moth KILLER!**

**The  
COLTSON  
Perfumed  
ANTI-MOTH  
SACHET**

is GUARANTEED to kill all moths, and is absolutely unrivalled for this purpose. It can be placed in drawers, small cupboards, trunks or boxes, and pianos, and is invaluable for travelling, as it is a potent germicide. Obtainable in many delightful perfumes, and packed in



**ATTRACTIVE TORTOISESHELL SACHET**

**6 D EACH SACHET  
BOX of 6  
THREE SHILLINGS**

**2/- per BOX of SIX  
24/- per 12 BOXES  
Already in URGENT DEMAND!**

**COLTSON Hygienic PRODUCTS**

27·BEAUCHAMP PLACE ·LONDON, S.W.3 ·Telephone 1177·KENSINGTON

**ROWLAND'S  
MACASSAR OIL**



FOR ALL SHADES  
OF HAIR  
IT PROMOTES THE  
GROWTH, GIVES  
LIFE AND LUSTRE  
AND LONG DE-  
LAYS BALDNESS.

*Regd. Trade Mark*

**A. ROWLAND & SONS, Ltd.**

22 Laystall Street, Rosebery Avenue  
London, E.C.1

# EXCLUSIVE ADDITIONS TO THE

RANGE OF  
BEAUTY PREPARATIONS

## NATIONAL ADVERTISING

Prominent advertisements appear regularly in the following papers :—

DAILY MIRROR  
DAILY SKETCH  
RED LETTER  
RED STAR WEEKLY  
WOMAN  
PEG'S PAPPER  
LUCKY STAR  
SILVER STAR  
WOMAN'S WEEKLY

- ★ NEW LIPSTICKS
- ★ NEW ROUGES
- ★ NEW POWDER SHADE

The new range of lipsticks and rouges just introduced by the Pompeian Company have been enthusiastically received. BLONDE BEAUTY—the newest addition to the Powder Range is focussing public attention on Pompeian Beauty Preparations. Order Pompeian now—display now—and reap the full benefit of rising sales. Attractive showcards are available and will gladly be supplied on application.

## GENEROUS BONUS TERMS

Available during the month of May:—

Retail Price	List Price, per doz.	QUANTITY DISCOUNTS		
		£1 Parcel	£2 Parcel	£5 Parcel
6d.	4/3			
1/-	8 5			
1/3	10 6			
1 6	12 6			
2/-	16 9			
2 6	21 -			
		5%	10%	12 1/2%

BONUS of 13 to the dozen allowed on parcels value £1 and upwards

★ Write for latest price list detailing the various shades and packs for which our extensive press advertising is creating an increasing demand.

THE POMPEIAN COMPANY LTD., 160 PICCADILLY, LONDON. W.I.

# PRICE REDUCTION OF *Gibbs* SOLID DENTIFRICE

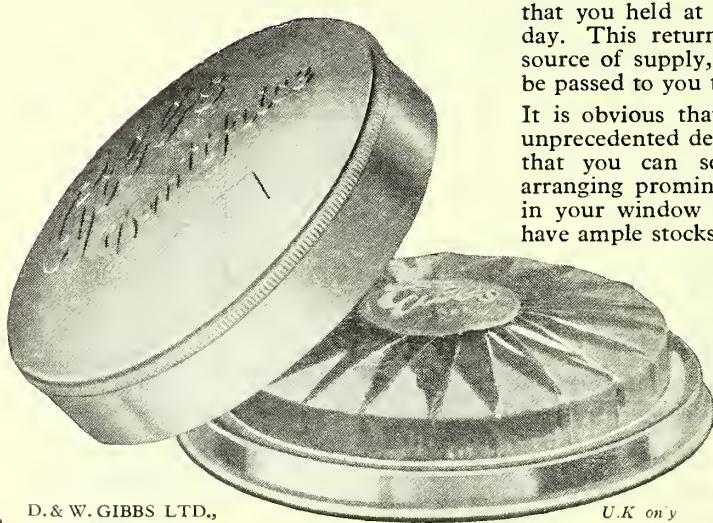
The enormous sums of money spent on the Health Services, the increasing dental attention given in the schools, and the general tendency towards better conditions, are enlarging the field for dental preparations.

Figures prove that the market has been growing over past years and we think it is certain that it will continue to do so.

*We are therefore reducing the price of the 7½d Gibbs Dentifrice to the popular unit of 6d and the 11d large size refill is reduced to 9d We take the view that this will encourage the trade to grow to our mutual benefit.*

These Price Reductions came into effect on Monday, May 2nd. If you have not already done so, please make a return of the stocks of these two sizes of Gibbs Dentifrice that you held at the commencement of business on that day. This return should be made through your usual source of supply, and credit for the amount of stock will be passed to you through the same channel.

It is obvious that this price reduction will result in an unprecedented demand for Gibbs Dentifrice. A demand that you can so easily turn to your own benefit by arranging prominent displays announcing the new prices in your window and on your counter. Make sure you have ample stocks on hand.



D. & W. GIBBS LTD.,  
LONDON, E.I

U.K. only

NOW 6<sup>d</sup>

# Are you ready for NURONA's 5th year of popularity?

This is a one-colour reproduction of the  
**FULL COLOUR "NURONA" SHOWCARD**  
for the 1938 season.



**WHITE OR TAN**  
4 oz. size, 1/-  
Retail  
8/- per dozen  
Bonus terms on application

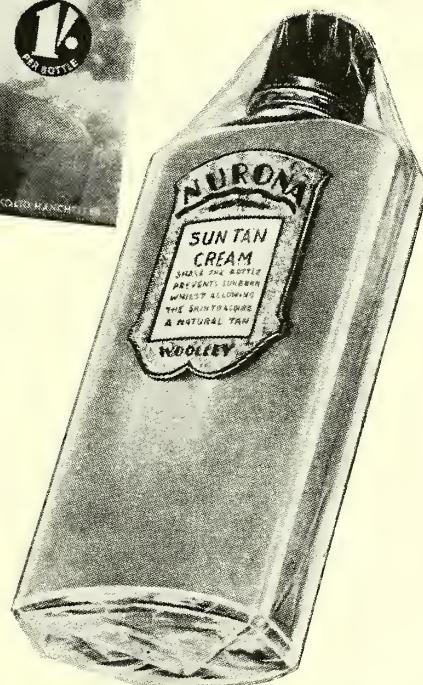
**BIGGEST VALUE IN**  
**SUN** -TANNING  
-PROTECTION  
-BURN RELIEF

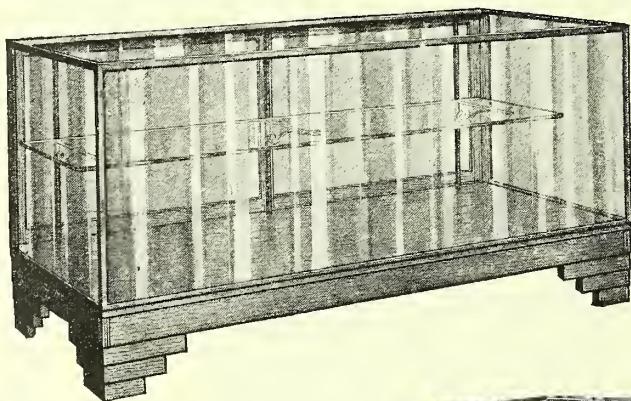
Nurona was the first "TRIPLE-PURPOSE" Sun-tan Cream. Made to a formula originally designed for sun-ray practitioners, its efficiency remains unsurpassed.

Nurona assists rapid tanning—it prevents sunburnt skin—it relieves painful sunburn. The price is as popular as the product, too. At 1/- a bottle it finds a ready sale.

**GET YOUR STOCK EARLY**

**JAMES WOOLLEY, SONS & CO., LTD., Victoria Bridge, MANCHESTER**





**Gladly Supplied on  
Graduated Payment Terms**

No. CDF 5283 R **Quickserving Counter.** Fitted 20 trays, each with glass front. Drawn plate glass throughout. 6 ft. long x 3 ft. high x 2 ft. deep. Polished Light Oak £14.10.0. Mahogany finish £14.15.0.

Fully illustrated list No. CD 1755 of Display Stand Showcases etc., free on request.

**DUDLEY & COMPANY LTD.**  
**HOLLOWAY, LONDON, N.7**

Holloway Showrooms :  
451 HOLLOWAY ROAD, N.7

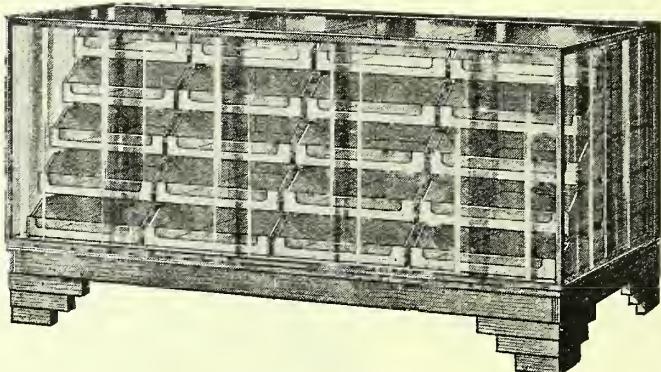
Phone : Archway 4221 (10 lines)

City Showrooms : 65 FORE STREET, E.C.

**Increase your  
SALES—  
with these Glass  
Counters**

No. CDF 5260 R **Glass Counter.** 6 ft. long x 3 ft. high x 2 ft. deep. Glazed 1-in. drawn plate glass, sliding glass doors at back. One row of 12 in. glass shelves. Polished Light Oak. £8.15.0. Mahogany finish. £9.0.0.

Send for our Catalogue No CD 1755/1810.



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Lanalol is obtainable in two forms: No. 1 With Oil (yellow label), No. 2 Without Oil (green label), 2/6 per large bottle.

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For Chemical and Pharmaceutical products, perfumery, essences, etc. The ideal method of leak-proof sealing of screwcaps and of capping bottles with protruding corks, imparting at the same time a smart and attractive finish to the bottle.

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Show it on your counter and in your window

A blue and silver display stand FREE with an order for 3 Dozen 8d. or the equivalent in other sizes.

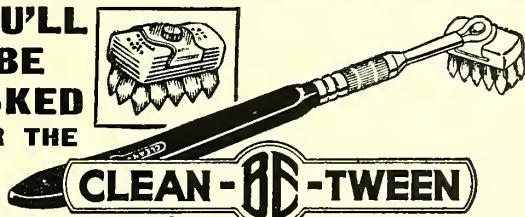
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Samples with pleasure

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BE  
ASKED  
FOR THE



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because it is being increasingly recommended by Dental Surgeons as the only toothbrush which can be ADJUSTED to clean behind the teeth. The small and short head through its adjustability penetrates to all teeth. The bristles are so spaced and arranged that they remove all food particles from between the teeth and massage the tender gum tissues. The handles are PERMANENT and RE-FILL BRUSH HEADS with medium, hard and extra-hard bristles are sold separately. These heads are easily removed for sterilization or replacement.

BE READY TO MEET THE DEMAND. Full particulars, trade terms, etc., from Sole Distributors for U.K. and I.F.S.

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CONTRACEPTIVES  
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*'Sanident' will sell  
more easily now*

TR 51



Every assistance in sales aids is given to the stockist of "Sanident." Various show material is available as required.

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# SANIDENT

Regd.

TRADE PRICE:  
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For  
PARTICULAR  
PEOPLE

For use with  
Sanitary  
Towels as a  
DEODORANT  
and to pre-  
vent chafing.  
It neutralises  
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at once.

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### Hard Rubber, Celluloid, Leather and Mole

Covered and Elastic Band Trusses, under the

"MASTER"  
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are sold in all  
Markets of the  
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**"KO - RALLIUM."** A new flexible covering for Steel Springs. It is Something Different!

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We offer distinctive lines of outstanding value. Our weaving sheds allow of all intermediate profits being passed to our customers.

Write for sample range at Special Rate, then compare.

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Now is your opportunity. At least one out of every ten passing your shop is saying :

### Oh ! My Feet

You can capture the grateful goodwill of many by showing in your window and recommending

## 6d. Packet of Happy Landings FOOT SALTS

Each 6d. packet contains six packets of medicated foaming Foot Salts.

### LIBERAL PROFIT POPULAR PRICE

Forceful selling literature, attractive show screen, and liberal free samples sent with any quantity.

You can always wait until you get a demand, but so do automatic machines and they haven't got overheads.

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And All Other Grades To Suit Every Purpose.  
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6th Edition



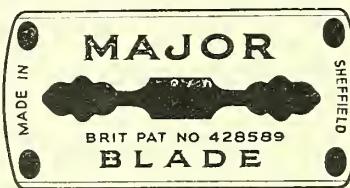
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THE GOLD MEDAL HEALTH DRINK. Quick Seller. Big Profits.  
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BRAND AN ALL THE YEAR ROUND SELLER TABLETS  
3/6 Size, 31/6 per Doz. 1/- Trial Tube, 9/- per Doz.  
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STP2

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Government Certificate of Control accompanies each shipment

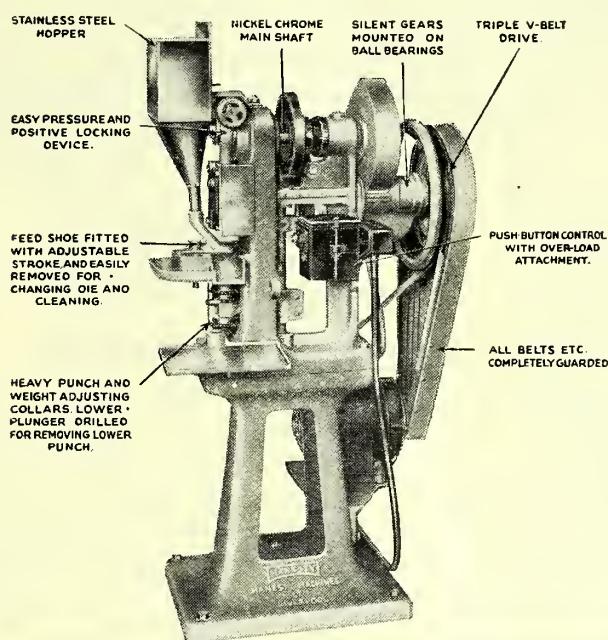
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**MANESTY**

**'F'**

## TABLET MACHINE

The new Manesty 'F' Machine is a self contained unit with independent Motor and drive capable of producing the most accurate tablets up to  $\frac{3}{4}$ " diameter at the rate of 80/90 per minute. It is the ideal Machine for all types of compressed lozenges. Three sets of Punches and Dies are supplied with each Machine.

Please state voltage when asking for complete quotation

**MANESTY MACHINES LTD**

Makers of CHEMICAL & PHARMACEUTICAL MACHINERY

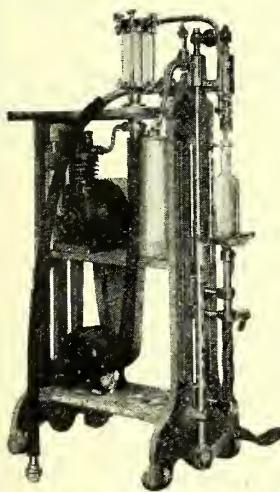
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for Glass, Stone,  
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Fills all sizes from  
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Clean and Rapid  
No Over Filling  
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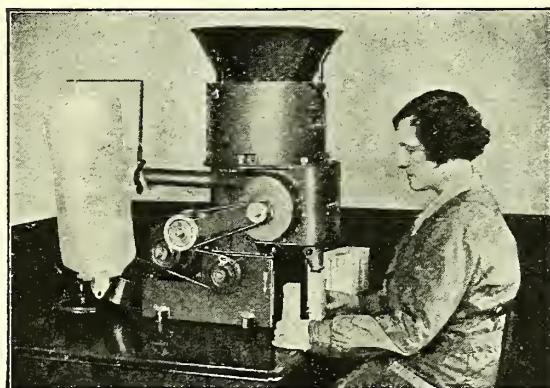
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**Roberts' Patent Filling Machine**  
Company Limited

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Makers of every description of Bottle Filling and Shallow  
Jar and Tin Filling Machine for the Chemists' use  
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**"MINOR" LOOSE-FILLING MACHINE  
WITH DUST COLLECTOR**

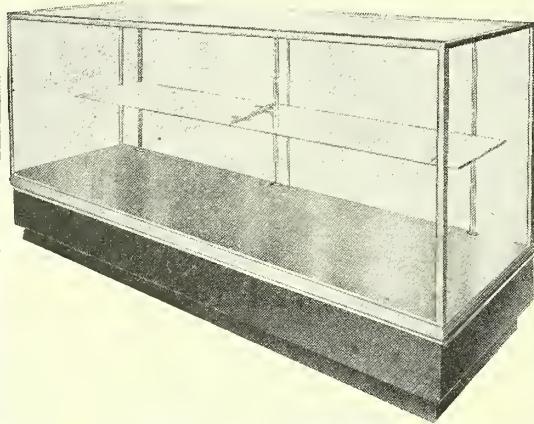
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Shampoo and Soap Powder, etc.  
The fastest, cleanest and cheapest machine  
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*Self-Contained motor drive*

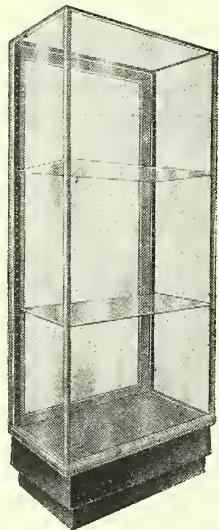
**J. G. JACKSON & CROCKATT Ltd.**  
ENGINEERS  
DARNLEY STREET, GLASGOW, S.1

## KING'S NEW SERIES OF "EMPIRE" SHOWCASES



This magnificent range of Showcases can be supplied with solid oak frames mounted on a polished black ebonised plinth or with mahogany frame mounted on a mahogany finish plinth. Glazed with new first quality drawn plate glass front, top and sides, with two frameless sliding doors at back,  $\frac{1}{8}$ " thick polished edges. Interior fitted with standard bar and adjustable brackets and one row of plate glass shelves 12" wide.

No. H4685 Size overall :—4' Long  $\times$  3' High  $\times$  2' B to F £6.15.0  
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No. H4687 " " 6' "  $\times$  3' "  $\times$  2' " £8.0.0



These handsome tallboy showcases can be supplied with solid oak frames mounted on a polished black ebonised plinth or mahogany frame mounted on a mahogany finish plinth. Glazed with new first quality drawn plate glass front, top and sides,  $\frac{1}{8}$ " thick, with a hinged glass door at back. Interior fitted with tapped bar and adjustable brackets and two plate glass shelves.

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**Engage an Assistant**  
**Procure a Situation**  
**or Sell Odd Lots of**  
**Chemists' Requisites**

If so, you can do it  
quickly and satisfactorily  
by an advertisement in

**The CHEMIST  
& DRUGGIST  
SUPPLEMENT**

*This is the Tariff :*

**Businesses Wanted and for Disposal, Premises to Let, Goods for Sale, and Agencies :** 6/- for 50 words; every additional 10 words or less, 6d

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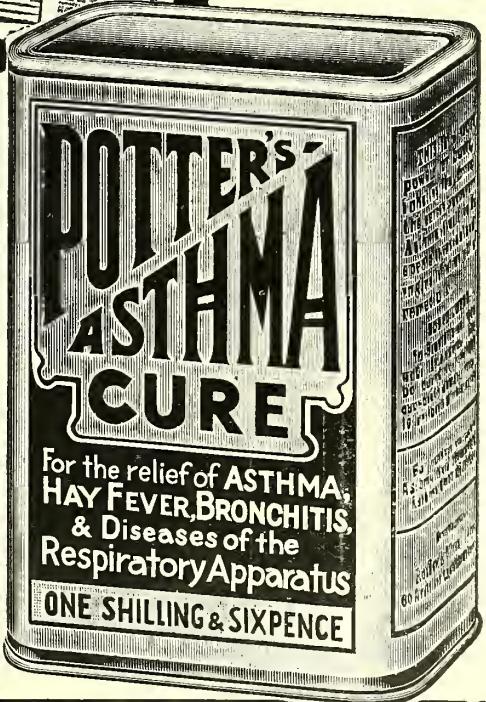


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WITH STOCK ORDER FOR BELL'S PET REMEDIES

### SELLING VALUE 45/- SPECIAL OFFER 30/- complete

The "Silent Salesman" is something quite new. Made of metal with aluminium finish. A customer can lift a packet from it, and another packet drops immediately into place—it is, in truth, a "Silent Salesman," and has only to be left on your counter for extremely profitable business to come your way.

It takes up very little space, and as a special offer I am giving a "Silent Salesman" free to Chemists with 45/- worth of remedies, for the sum of 30/-.

If you will drop me a postcard I shall be very pleased to have one of my representatives call to show you the "Silent Salesman."



Concurrently with this special offer a new national advertising campaign is now appearing for GEORGE BELL'S COMPOUND CONDITION DOG POWDERS in the following influential papers:

The "Daily Herald," "Daily Express," "News Chronicle," "Our Dogs" and "Dog World."

Bell's remedies are all manufactured from the purest ingredients obtainable, and made to a carefully prepared formula. Years of experience in all branches of veterinary chemistry enable exact knowledge to be applied to the needs of a profitable and growing market.

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NOW THROUGH  
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WORKS,  
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TRADE MARK **'TABLOID'** BRAND  
**'EMPIRIN'** MARK **PRODUCTS**  
 (Acetylsalicylic Acid)



For reputation & remuneration

From whichever angle you view sales of 'TABLOID' 'EMPIRIN' products, the same unfailing satisfaction prevails.

They have a widespread reputation for effectiveness, the direct result of purity and precision. Medical Men prescribe them regularly.

Sales-profit Ratio—Individual sales show up favourably and contrast strongly with those sales of Acetylsalicylic Acid products so frequently offered to Pharmacists in small packings.

TRADE MARK **'TABLOID'** BRAND  
TRADE MARK **'EMPIRIN'** MARK  
 ACETYLSALICYLIC ACID

Gr. 5 (0.324 gm.)  
 Bottles of 25, at 10/- per doz. bottles  
 .. 100, .. 30/- .. .. ..

*London Prices to the Trade (Subject)*

Available also in products of 0.5 gramme  
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TRADE MARK **'TABLOID'** BRAND  
TRADE MARK **'EMPIRIN'** MARK  
 (ACETYLSALICYLIC ACID)  
**COMPOUND**

*Combines 'Empirin' with Phenacetin and Caffeine*  
 Bottles of 25, at 15/- per doz. bottles  
 .. 100, .. 45/- .. .. ..  
*London Prices to the Trade (Subject)*

*Also issued:* 'TABLOID' 'EMPIRIN' & CAFFEINE  
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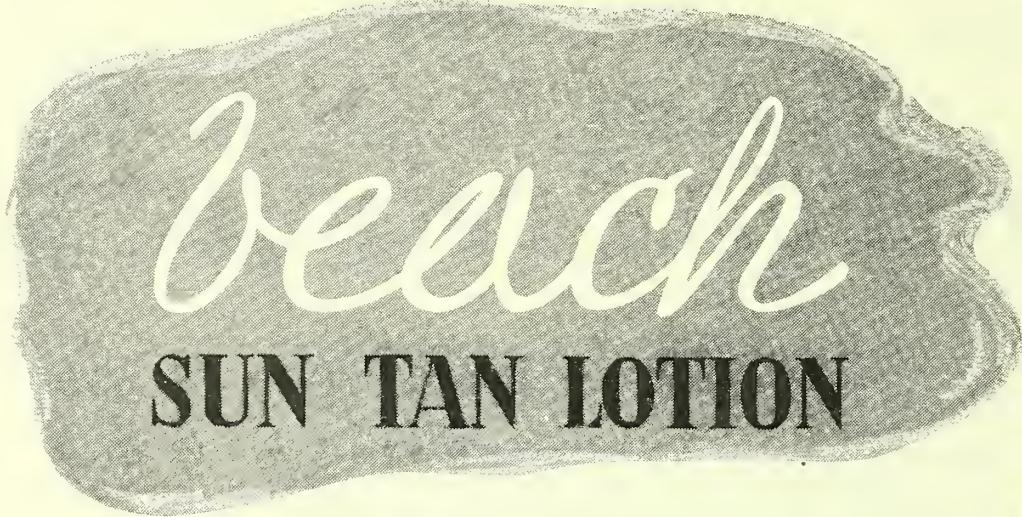


**BURROUGHS WELLCOME & CO., LONDON**

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**SUPREME QUALITY IS BURROUGHS WELLCOME QUALITY**



# Beach SUN TAN LOTION

**Why your customers will buy Beach**

- \* BEACH HELPS SUNBATHERS TO TAN QUICKLY
- \* BEACH GIVES PROTECTION AGAINST SUNBURN
- \* BEACH RELIEVES AND SOOTHES SUNBURN
- \* BEACH IS NON-OILY AND IS NOT A DYE
- \* BEACH IS ATTRACTIVELY PACKED AND THE RETAIL PRICES ARE RIGHT:

2 oz. - 1/6 · 4 oz. - 2/6

**Why you should make Beach your Sun Tan Lotion**

**\*BEACH IS A PROFITABLE LINE**

Window and counter displays and your recommendation will bring an excellent return.

Bought on display terms (1 doz. and over) Beach shows the following profits on selling price:

1 Dozen . . 38%	6 Dozen . . 43%
3 Dozen . . 41%	12 Dozen . . 46%

\* Beach Display Terms are available throughout the season and not merely for a limited period.

\* Striking and attractive show material sent with all orders.

A product of **THE BRITISH DRUG HOUSES LTD**



# The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

The official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in Overseas Dominions

Published Weekly at

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Telephone: Central 6565 (10 lines)

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NEW ZEALAND: 553 SHORTLAND STREET, AUCKLAND

PARIS: 155 AVENUE DE WAGRAM, XVII<sup>e</sup> (TEL.: ETDILE 19-79)

AMSTERDAM-C. HOLLAND: PLANTAGE FRANSCHELAAN 32

## News of the Week

### Business Changes

MISS MARY SMITH, M.P.S., has opened a pharmacy at 7 Orwell Road, Felixstowe.

PETERBOROUGH AND DISTRICT CO-OPERATIVE SOCIETY, LTD., have opened a new pharmacy at Northfields Corner, Lincoln Road, Peterborough.

STAFFORD ALLEN & SONS, LTD., announce the removal of their general offices from Cowper Street, London, E.C.2, to Wharf Road, City Road, London, N.1. All communications should be sent to their new address on and after May 14. Telephone: Clerkenwell 1000.

### Proprietary Articles Trade Association

#### ALTERATIONS TO PROTECTED LIST

Bengué & Co., Ltd., new prices and terms, May 1, Dr. Bengué brand balsam, 1s. 3d., 10s. 6d. doz.; 3s., 25s. doz. British Patent Perforated Paper Co., Ltd., Bronco toilet paper, additional 5 per cent. discount to retailers now allowed on three gross assorted in either roll or packet form, in one delivery. Wright, Layman & Umney, Ltd., Wright's coal tar shaving cream, 1s., 8s. doz., less 2½ per cent. for cash one month.

#### DELETIONS

Albion Soap Co., Ltd. (shaving cakes and shaving bowls). D. & W. Gibbs, Ltd. (all products). Kal-Sel (a "saltrate" product formerly distributed by International Chemical Co., Ltd.).

### Dangerous Drugs Acts, 1920-32

(From "The London Gazette," May 3, 1938)

#### SUSPENSION OF WITHDRAWAL OF AUTHORITIES

(JAMES THOMAS EVANS)

Whereas in pursuance of the power conferred upon the Secretary of State by Regulation 6 of the Raw Opium Regulations, 1921, as extended by the Coca Leaves and Indian Hemp Regulations, 1928, and by Regulation 7 of the Dangerous Drugs (Consolidation) Regulations, 1928, the Authorities granted by the Raw Opium Regulations, 1921, as extended by the Coca Leaves and Indian Hemp Regulations, 1928, and the Dangerous Drugs (Consolidation) Regulations, 1928, to persons lawfully keeping open shop for the retailing of poisons, to be in possession of and to supply raw opium, coca leaves and Indian Hemp and to manufacture any extract or tincture of Indian hemp or any preparation to which Part III of the Dangerous Drugs Act, 1920, applies, or to carry on the business of retailing, dispensing or compounding drugs or preparations to which Part III of the Dangerous Drugs Act, 1920, applies, were, by Notice dated 21st February, 1936, and published in the London and Edinburgh Gazette on the 28th February, 1936, withdrawn from James Thomas Evans, M.P.S., trading as

Pasmore and Company, at 93, Mortimer Street, London, W.1, who had been convicted of offences against the Dangerous Drugs Acts:

Now, therefore, after consultation with the Council of the Pharmaceutical Society of Great Britain, I hereby suspend, until further Order, the operation of the said Notice of Withdrawal.

The effect of the present Notice is to restore to the said James Thomas Evans the Authorities granted by the Regulations made under the Dangerous Drugs Act, 1920.

SAMUEL HOARE,  
One of His Majesty's Principal  
Secretaries of State.

Whitehall, May 3, 1938.

### Royal Academy of Arts

The one-hundred-and-seventieth Exhibition of the Royal Academy of Arts opened on May 2 and is to remain open until August 5. Perhaps the most noteworthy portrait from pharmacy's point of view is that of Sir Frederick Gowland Hopkins, O.M., F.R.S. (196), by Meredith Frampton. Sir Frederick, whose name is associated with the researches that led to the discovery of the vitamins, delivered the address, it will be recalled, at the opening of the 1935 session of the Pharmaceutical Society's school. The portrait carries a remarkable suggestion of mental concentration in the face and of dexterity and sensitiveness in the hands. Nor will research workers have much to complain of in the artist's handling of the laboratory apparatus which is included in the picture. Other notabilities portrayed are Sir David Milne-Watson (governor, Gas, Light & Coke Co.) (166), Mr. Geoffrey Mander, M.P. (Mander Bros., Ltd., colourmen) (312), and Lord Leverhulme (in his capacity as Charter Mayor of Bebington, 1937) (445). The name of the artist who painted Lord Leverhulme's portrait—Mr. G. Hall Neale—recalls that the same artist painted the portraits of the first Viscount and Lady Lever that are to be seen in the Lady Lever Art Gallery, Port Sunlight. Botanists can find interest in a number of floral subjects taken from many Natural Orders, some of them depicted in a richness of detail. Factory chimneys figure in several studies, including "The Thames" (97) (Dame Laura Knight); "Medway Medley" (196) (S. Dennant Moss); "Only for Those Who London Know" (651) (C. R. W. Nevinson) and their ample smoke, which would at one period have been an artistic licence, now perhaps truthfully reflects the nation's prosperity. Of industrial subjects, an outstanding example is the series of medallions on bronze doors destined for the City offices, Norwich (1505-7-10). Among the scenes depicted on these medallions in relief are what appear to be the operations of soldering metal boxes; bottle-filling; and wine-pressing. If

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these subjects are correctly interpreted, they must surely symbolise Norwich firms well known in the drug trade. The architectural drawings section includes sketches of the National Institute for Medical Research, Mill Hill (1926); the completed scheme for the British Medical Association buildings, as viewed from Tavistock Square, London (1917); and a bird's-eye view of the Empire Exhibition, Glasgow (1939). Memories of the British Pharmaceutical Conference may be conjured up to some who visited it by the painting "Building the Metropolitan Cathedral, Liverpool" (266), by Charles Cundall, while individual pharmacists whose grievance is bazaar trading may experience some quickening of the pulse at seeing the architect's sketch of proposed alterations to the Pantheon, Oxford Street, London (1948).

### British Pharmaceutical Conference

The following is a list of hotels at which accommodation may be reserved in connexion with the Edinburgh meeting (September 12-16) of the British Pharmaceutical Conference. Applications may be made direct or through Pickfords Travel Service, 18 South St. Andrew Street, Edinburgh. If by the latter means, a second choice of hotel should be stated:—

HOTEL ACCOMMODATION

Hotel	Address	Bed and Breakfast	Number of Rooms
Caledonian*	Princes Street ...	s. d.	
Roxburgh*	Charlotte Square ...	13 6	150
Royal*	Princes Street ...	13 6	30
Royal British*	19 Princes Street ...	13 6	100
George*	George Street ...	11 6	70
Grosvenor*	Grosvenor Street ...	11 6	30
St. Andrew	St. Andrew Street ...	9 6	21
Palace	Castle Street ...	8 6	50
Darlings	Waterloo Place ...	8 6	60
Bruntsfield	Bruntsfield Place ...	8 6	70
Cockburn	Cockburn Street ...	9 0	50
Maitland	Shandwick Place ...	8 6	15
Alison	Melville Crescent ...	10 6	10
De Vere	17 Eglinton Crescent ...	11 6	32
Millen's	59 Melville Street ...	8 6	7
Blair Atholl	10 Grosvenor Street ...	7 6	8
Carlton	15 Carlton Terrace ...	6 6	8
Park	33 Royal Terrace ...	7 6	14
Poole's	37 Drumsheugh Gardens	9 0	16
Belgrave	13 Belgrave Place ...	8 6	10
Chimes	3 Royal Terrace ...	8 6	15

\* Licensed.

### Bolton

LANTERN LECTURE AND PRESENTATION.—Members of the Bolton and District Pharmaceutical Association heard a lantern lecture by Mr. C. Bloodworth (Ilford, Ltd.) on "Colour Filters and Their Use in Photography" on April 21. Mr. G. Brown presided, and Mr. J. S. Walmsley moved a vote of thanks to lecturer and to Mr. L. Oley (lanternist). The president (Mr. G. Brown), on behalf of the branch, presented a barometer, suitably inscribed, and a fountain pen to Mr. R. J. Dunne, who had recently resigned from the position of local Branch secretary after ten years' service. Mr. Brown expressed his pleasure that Mr. Dunne was still able to continue as a member of the Committee. Mr. R. J. Dunne, in responding, appealed for support for the new Association.

### Carlisle

OFFICERS FOR THE SESSION.—The annual meeting of the East Cumberland Branch was held on April 25, Mr. J. Sharp in the chair. The secretary presented his report. The balance sheet, submitted by the treasurer, was accepted on the motion of Mr. T. M. Ridley, seconded by Mr. J. Christie. Mr. Ridley proposed and Mr. Beaty seconded that Mr. J. Sharp be re-elected Chairman; this was carried unanimously. Mr. T. M. Ridley was re-elected Vice-Chairman on the proposal of Mr. J. S. Sumner, seconded by Mr. Eaves. The Committee was re-elected (with Miss Robertson in place of Miss Ferguson, who has left the town) on the proposal of Mr. Sharp seconded by Mr. T. Graham Taylor. Mr. W. A. Taylor was elected to the committee to represent company shops, on the proposal

of Mr. G. Lightfoot, seconded by Mr. T. M. Ridley. The Secretary and Treasurer were both re-elected. After the meeting a hot-pot supper was provided. Mr. Crummack, Leeds, who was visiting the Branch, proposed the health of the chairman, Mr. T. M. Ridley seconding. Another visitor was Mr. Sheard, Harrogate. A collection for the Benevolent Fund realised close on £3.

### Leamington Spa

LABELLING C.F. GOODS.—At a meeting of the Warwickshire Branch of the National Pharmaceutical Union, on April 28, the secretary was instructed to ascertain the present position of a certain manufacturer with reference to the Chemists' Friends scheme. It was resolved to adopt the suggestion that all C.F. goods should be labelled with name and address of member, and that Mr. Mallinson be approached to secure that proprietors of patent medicines should mark their goods similarly. The N.P.U. supplements were submitted and discussed.

### Lewes

PHARMACY BILL PROPOSALS.—At Lewes, on April 27, Mr. J. F. McNeal addressed a meeting of the South Eastern Federation of Pharmacy Associations on "The Requirements of a New Pharmacy Bill." The chair was occupied by the president (Mr. G. Harmer, Eastbourne), and chemists from Brighton, Eastbourne, Hastings, Henfield, Lewes, Polegate, St. Leonards and Worthing were present. Mr. McNeal said the fundamental policy of the Bill must be reservation to chemists of dispensing, of the sale of B.P. and B.P.C. preparations, and of the sale unstamped of "patent" medicines for which no proprietary rights are claimed. To obtain these privileges it would be necessary, he said, to make certain concessions to doctors, apprenticed but unqualified drug store proprietors, and persons possessing the Apothecaries' Assistants' qualification. Discussion followed, and Mr. Mackie, Brighton, proposed a vote of thanks to Mr. McNeal.

### London

AWARDS TO LORRY DRIVERS.—Four lorry drivers of Potter & Clarke, Ltd., London, E.1, have won the gold medal of the National Safety First Association, and will be presented with these at the Guildhall, on May 31, by the Lady Mayoress of London.

SMOKING CONCERT.—The S.W. London Chemists' Association recently held a smoking concert (the second of the session), as a result of which £17 10s. will be donated to the Pharmaceutical Society's Benevolent Fund. Contributions to the programme were made by Mrs. H. G. Tibbett, Miss Madge Wickham, Messrs. H. C. Hewitt, Peter Irvine, R. W. Jackson, Peter Kain and Bertram Sainsbury, Mr. E. Neville (social secretary) was compère. A vote of thanks to the artists was moved by Mrs. Jean K. Irvine, M.B.E., and seconded by Mr. F. G. Wells (members of the Society's Council).

PUBLIC PHARMACISTS.—The annual meeting of the Guild of Public Pharmacists was held on April 26, Mr. F. B. Royal (president) in the chair. The treasurer's, registrar's and secretary's reports were received and adopted, and the following officers were elected:—Secretary, Mr. A. E. Campion; Registrar, Mr. F. W. J. Hooper; Council, the Misses E. Blundell, A. Gilliatt and E. Hodgkinson; Messrs. H. Berry, F. E. Bullen, D. T. Curry, H. Davis, J. R. Elliott, R. H. Henriksen, J. Moore, F. B. Royal, C. H. Sykes, and J. H. Wood. The constitution and rules of the Guild were amended to provide for a representative of each branch on the Guild Council.

GOLF.—The opening meeting of the London Chemists' Golfing Society was held at Hendon Golf Club on April 28. The captain (Mr. E. C. Pryce) having driven into office in the traditional manner, competitions took place for the "British and Colonial Pharmacist" cup (medal) and the Hepburn shield (bogey). Mr. R. W. Poole (11) won the medal round with a net 75. Mr. W. M. Ballantyne (four down) won the Hepburn shield after a tie with Mr. D. M. Rees, decided on the last nine holes. The leading scores were:—R. W. Poole (11), 75 net; B. F. Tisdall (18), 76 net; C. H. Maile (12), 79 net; D. M. Rees (10), 80 net; W. M. Ballantyne, 4 down; D. M. Rees, 4 down; B. F. Tisdall, 5 down; C. H. Maile, 6 down. Picture on opposite page.

# News in Pictures



**NEW OFFICES.**—View of the new general offices of Stafford Allen & Sons, Ltd., Wharf Road, London, N.1 (see page 521). A description of the warehouse appeared in the *C. & D.*, Oct. 17, 1936, p. 435.



**LONDON CHEMIST GOLFERS.**—Group at the opening meeting of the London Chemists' Golfing Society, Hendon, April 28. Two trophies were competed for. A report of the matches appears opposite.



**SHOPFRONT AND DISPENSARY AT HALE, CHESHIRE.**—Shopfront in bronze and granite for recently completed pharmacy of Mr. Gordon Smith, M.P.S., Ashley Road. The surround is of Royal blue granite, with applied letters in cream-enamel-filled bronze; stall-risers and side members are black. Dispensary fixtures are cellulosed white and include a writing-desk with drawers beneath, ledger desk with safe beneath and teak-topped bottle fitments. The exterior of the dispensary is an original combination of screen, counter and showcases providing facilities for display at the front and for wrapping at the back.

## LOCAL CHAIRMEN AND PRESIDENTS RECENTLY ELECTED



**MR. D. W. E. BARKER,** new Chairman, Hertfordshire Pharmaceutical Committee. He has a business at Croxley Green.



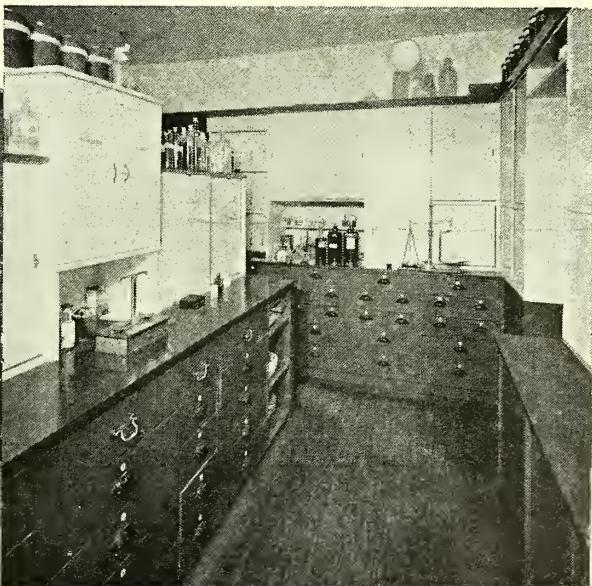
**MR. FRANK HAWORTH,** first non-proprietor President of the Birkenhead and Wirral Pharmacists' Association.



**MR. J. L. HIRST,** Chairman, for the 1938 session, of the Liverpool Branch, National Pharmaceutical Union.



**MR. J. W. WOOD,** re-elected President, Manchester Pharmaceutical Association. He has a business at Deansgate.



### Merseyside

**ANNUAL MEETING.**—The annual meeting of the Liverpool and District Branch of the Pharmaceutical Society was held on April 28, Mr. John Rae (chairman) presiding. It was stated that sixty members had attended a course of Air Raid Precautions lectures. The treasurer's report showed revenue £75 10s. 7d. and expenditure £71 7s. The following members were elected to the *Branch Committee* :—Messrs. G. L. Clubb, F. Fleetwood, J. L. Hirst, M. S. Hughes, W. E. Humphreys, J. Allen Jones, H. Humphreys Jones, J. Rae, D. Rich, E. C. Ryder, W. E. Shepherd, W. J. Tristram. Mr. J. S. Emlyn and Mr. Williamson were elected *Auditors*. The following *Conference Delegates* were elected:—Messrs. J. L. Hirst, W. E. Humphreys, J. Rae, D. Rich, W. E. Shepherd.

### Middlesbrough

**CODE OF ETHICS FORMULATED.**—A meeting of the Tees-side Branch of the Pharmaceutical Society was held in Middlesbrough on April 26, Mr. W. R. Brackenbury presiding, to receive recommendations from the branch committee as to a code of ethics for pharmacists (which the branch had been invited at Liverpool to draw up for submission to the 1938 Conference). In the preamble which accompanies the code, and which the branch hopes will be published in conjunction with it, reference is made to the desirability of a code of rules (apart from the code of ethics) for the purpose of securing uniformity in dispensing procedure. The code was read through, clause by clause, and the implications discussed. Each clause was voted on, and practically all members contributed to the discussion. All present proclaimed in favour of the code. Thanks were extended to the committee.

### Nottingham

**ONLY ONE PROTECTED PROFESSION.**—Nottingham and District Branch of the National Pharmaceutical Union heard an address by Mr. G. A. Mallinson (Union secretary) on "The Chemist's Business—N.H.I. and General," on April 20. From letters in the pharmaceutical Press, Mr. Mallinson said, he gathered there was some dissatisfaction because he had ventured to say that pharmacy was not really a profession. He did not mean that there was no professional side to pharmacy; but desired chemists not to regard pharmacy as a profession only and neglect the business side. He was afraid pharmacists could not get from Parliament adequate protection for pharmacy as a calling. The only fully protected profession was that of dentistry. In business it was right to sell anything if it was a suitable side-line, by which he meant things other than medicines and surgical requisites. Under N.H.I., continued the speaker, chemists had had a small discount in the past year, but at the outset, when the fund was not national, some areas had been discounted 40 per cent., and the dispensing fee had been 2d. Doctors who at the time were in sympathy with the chemists did not see that they should try to save the cost of drugs if a surplus was to be paid to the chemists in the shape of bonus. The position was not satisfactory so long as the accounts are not paid in full; the advent of juvenile insurance should help. Questioned regarding advertising, Mr. Mallinson said the N.P.U. could not undertake another national advertising scheme on their own initiative. Chemists had had their chance, but had turned it down. When chemists said they were ready for another campaign, the Union would help, to the limit of its power.

### Oldham

**OFFICERS FOR 1938-39.**—At the annual meeting of the Oldham and District Chemists' Association and Branch of the Pharmaceutical Society, held on April 25, Mr. F. Newby, from the chair, moved that Mr. R. Gorbutt should be president for the year 1938-39. This was carried. Mr. H. Cobbold was nominated as president-elect, and the following officers were elected:—*Deputy President*, Mr. F. Newby; *Treasurer*, Mr. S. Baker; *Auditors*, Messrs. Yates and Thompson; *Registrar*, Mr. Ash; *Secretary*, Mr. R. H. B. Whitehead. The following were elected on the *Council and Social Committee* :—Messrs. Spensley, Walker, W. Garside, H. Barker, S. Radcliffe, Levens, J. F. Anderton, T. Baker, H. A. Taylor, M. Long, H. Ash, Crabtree, Bottoms, J. W. Thompson, F. Moorhouse, N. Jones, F. Yates, and Whittaker. Messrs. R. Gorbutt and R. H. B. Whitehead were elected as Delegates to the Edinburgh Conference. Mr. J. W. Thompson moved a vote of thanks to the auditors and treasurer; this was seconded by Mr. F. Newby.

### Plymouth

**MANUFACTURERS' POINT OF VIEW.**—Mr. J. E. Blackwell (Genatosan, Ltd.) addressed the Plymouth and District Branch of the National Pharmaceutical Union on "The C. F. Movement from the Manufacturer's Point of View" on April 29 (see *C. & D.*, April 16, p. 452). The lecturer replied to questions by Messrs. U'Ren, Spear, Griffiths, Wallis and others. Proposing a vote of thanks, Mr. Yeates compared the bonus money for anti-C.F. displays to thirty pieces of silver, the price of disloyalty to the C.F. movement.

### Stockport

**PANCHROMATISM DEMONSTRATION.**—A meeting of the Stockport and District Branch of the Pharmaceutical Society was held recently, when Mr. C. H. Bloodworth (Ilford, Ltd.) gave an address on "Panchromatism," illustrated by lantern slides. A general discussion of photographic matters followed, and Mr. Bloodworth was thanked for his address.

### York

**SUPPER.**—The annual supper of the York and District Chemists' Association was held on April 7. During the evening the Humphreys gold cup and replica were presented by the president (Mr. G. A. Coverdale) to Mr. Dobson, Pocklington, last year's winner. Other prizewinners were Messrs. H. N. Coverdale, J. H. Lupton, D. Hamilton and W. Midgley. Mr. Arthur Humphreys is the donor of the gold cup replica and tankard; other prizes were given by Raines & Co., Ltd., Stemco, Ltd., and Dobson & Co. Mr. E. A. Brocklehurst, Hull, followed with a talk on the Chemist's Friends scheme, explaining the "fors" and "agains." Messrs. W. P. Saville and T. C. Atkinson proposed a vote of thanks.

### Miscellaneous

**BURGLARY.**—The pharmacy of H. A. King, Ltd., chemists, 38 Exchange Street, Norwich, was broken into recently and a sum of money stolen.

**DANGEROUS DRUGS ACTS.**—At Westminster Police Court, London, on May 3, Robert Bainbridge was sentenced to twelve months' imprisonment for being in unauthorised possession of morphine.

**WINDOW DISPLAY AWARD.**—Mr. Henry Cundall, display manager to D. & W. Gibbs, Ltd., has won the Sir Charles Higham trophy for the best window display in the National Display Association's 1937-38 contest.

**PHARMACY AND POISONS ACT, CASES.**—At West London Police Court, on April 29, F. H. Barber & Co., Ltd., Fulham, were fined 40s. for supplying a poison in a container not labelled in the prescribed manner.—At Bradford City Police Court recently Percy P. Smith was prosecuted in connexion with the sale of a hair restorer. Fines and costs totalling £6 were imposed.

**INQUEST.**—At the inquest on the body of Lady Rankeillour, on April 28, it was stated that she was given an injection of six ounces of paraldehyde instead of six drachms by a nurse who had been attending her since November. It was revealed that this error had arisen because of a mistake in a telephone message between the doctor and the nurse. Some days previously Lady Rankeillour, it is reported, was not able to sleep, and the nurse rang up the patient's doctor concerning the administration of paraldehyde. The nurse said she had not given this drug to a patient for sixteen years and was not familiar with the dose. The doctor advised that the patient should be given six drachms of paraldehyde in eight ounces of paraffin. This telephone message was written on a piece of cardboard which was later destroyed. On purchasing the paraldehyde the nurse told the chemist that she was going to give six ounces as in injection. The chemist told her that the maximum dose was two ounces. In giving evidence, the doctor said that when the nurse rang him up he directed her to get six drachms of paraldehyde and dilute it with six or eight ounces of warm paraffin. A pathologist said the death was due to syncope following respiratory failure, and was consistent with paraldehyde poisoning. Six drachms would be a perfectly proper dose. In summing up, the coroner said the doctor was probably in a state of mind when a misunderstanding might have arisen in his communicating the message to the nurse. A verdict of "Death by misadventure" was recorded.

## Irish Notes

### Pharmaceutical Society of Ireland

The following passed in the April Assistants' examination held by the Pharmaceutical Society of Ireland: Annie T. Byrne, J. J. Byrnes, Anne M. Cogan, T. A. Dolan, Sheila Dunne, H. Finn, W. G. W. Fox, W. Gannon, W. Hanley, M. J. Harty, C. K. Keane, D. J. Kennelly, W. D. Lauder, J. Lenihan, Cecilia McAuliffe, Teresa McAuliffe, J. K. McGrath, P. J. McGuirk, Margaret R. Maguire, P. J. Naughton, M. A. Nolan, G. M. J. O'Grady, Thelma H. Scott, Angela M. Sweeney.

### Miscellaneous

**RETIREMENT.**—Mr. A. C. McBride, M.P.S.I., Armagh (secretary and apothecary to Armagh County Infirmary for fifty years) has retired.

**GOLF.**—The first outing of the season was held by the Irish Chemists' Golfing Society at the Curragh course, co. Kildare, on April 24. In the morning the chemist golfers played for the St. Dalmas trophy (a tea service). Mr. Raymond White (a director, May, Roberts & Co. (Ireland), Ltd.) was declared the winner. For the second prize Mr. T. Stewart, Limerick, Mr. V. O'Hara, Dublin, and Mr. Brendan Smith tied. After luncheon play was resumed for the two trophies offered by Messrs. May, Roberts, the first prize being an entree dish and the second a muffin dish. A lady chemist, Miss L. O'Flanagan, Monkstown, was the winner, with Mr. T. Stewart, Limerick, second. At the clubhouse in the evening the St. Dalmas prizes were presented by Mr. A. W. Hughes (Dublin director of the company). Mr. A. D. Davidson (managing director, May, Roberts (Ireland), Ltd.) presented his company's trophies. On the motion of Mr. J. J. Roche, Dublin, seconded by Mr. Joe Gorry, Naas, a vote of thanks was passed to both donors. Thanks were tendered to the management of the Curragh golf

club on the motion of Mr. P. C. Cahill (vice-president, Pharmaceutical Society of Ireland), seconded by Mr. M. J. Parkes, M.C.P.S.I., Blackrock, co. Dublin. The next big date on the Society's diary is the three-days' annual tournament at Ballybunion, co. Kerry, May 30 to June 1. This is confined to gentlemen. All wishing to take part should communicate with the captain and secretary (Mr. A. F. Roche, M.P.S.I., Main Street, Donnybrook, Dublin) at the earliest date.

## Scottish Notes

### Miscellaneous

**NEW REPRESENTATIVE.**—The United Drug Co., Ltd., Nottingham, has appointed Mr. G. Prior as representative for South-Eastern Scotland.

**WINE LICENCE REFUSED.**—The application for a restricted certificate for the sale of wines by Mr. James L. Galloway, M.P.S., Cumnock, Ayrshire, has been refused.

**PHARMACEUTICAL COMMITTEE.**—The following have been elected members of the Pharmaceutical Committee for the County of Dumbarton, as reconstituted, from June 1 next:—Messrs. William Howison, 8 High Street, Dumbarton; A. P. Jarvie; J. A. Kemp; A. H. Le May; J. Menzies; P. H. Mitchell; and John Weir. Mr. P. H. Mitchell has been appointed chairman of the committee, with Mr. J. M. Smith as secretary.

**ANNUAL MEETING.**—At the annual meeting of the Edinburgh Chemists' Assistants' and Apprentices' Association, held in the Pharmaceutical Society's house, York Place, Edinburgh, on April 23, the following officers were elected for the ensuing year:—*President*, Mr. C. J. Collins; *Vice-President*, Mr. D. R. Kay; *Secretary*, Miss K. A. L. MacLucas; *Assistant Secretary*, Mr. J. H. Tainsh, junr.; *Treasurer*, Mr. D. J. A. Paton; *Committee*, Misses Dickson, Leask and Nisbet, and Messrs. Dootson, McMorran, Thomson and Tod.

## Topical Reflections

By Xrayser

### National Preoccupation

Once again the *C. & D.* has shown itself to be our national trade newspaper, attuned to the needs of the day, as disclosed in the course of public events. To an editorial article on the Budget, with special reference to its effects on the drug and chemical industries, you have added ten pages on air-raid precautions, a brief comment on that subject, and a detailed exposition of the significance for your readers of the Anglo-Irish agreement. The tenor of the Budget proposals is a clear indication of the gravity of the general outlook; and the thoroughness of the preparations already in hand against possible air raids makes one hope that, in the event of having to take part in another lamentable conflict, we shall be able to engage forthwith in whatever work may be of service outside our peace-time vocations. To say that we are great improvisers, or that we can "muddle through" will no longer suffice. One practical point that I have not yet seen mentioned occurs to me. If the public are likely at any time to turn pharmacies into casualty clearing stations, it seems to follow that pharmacists will have little or no time for such duties as those of special constables and air-raid wardens, especially in view of the fact that their working days are longer than those of most traders. Each of us, however, must judge for himself what is feasible in this direction.

### Candidates' Addresses

As soon as Easter is put behind us the voice of the candidate is heard in the land, except in the comparatively rare event of an uncontested Pharmaceutical Society Council election. I, for one, read these annual manifestoes with care—and with a certain relish not often amounting to enjoyment, though some strike the right note or notes. I confess I have scant sympathy with members of the Society who profess to know so little of the candidates as to be unable to vote. Unless words are given us for the purpose of concealing our thoughts (as Whately is said to have suggested), it is in these paragraphs, of which you give a second selection on p. 498, that we must search for the policies of those who desire election.

Sometimes, no doubt, the search is an arduous one. Looking through the five statements in your two preceding issues, I find various opinions of which Portia might have said, "Excellent sentences, and well pronounced." Everyone knows Nerissa's rejoinder. In an editorial article on April 23 you brought vividly before us the importance of strict financial control in the Society's affairs; but with one exception the five candidates who have given us their views on April 23 and 30 do not appear to have realised the urgency of this subject. I agree with the suggestion that the Society's Council should support the efforts of the National Pharmaceutical Union in the matter of National Health Insurance dispensing "in every way the Union may desire." The seven words I have quoted are important; there should be no suspicion of divided counsels at any stage of whatever negotiations with the Ministry of Health are undertaken. Another good point is that pressure should be brought to bear for the purpose of obtaining the exclusive sale of surgical dressings. As far as I am aware, no unqualified trader has ever been prosecuted for having sold dressings below the standard required in N.H.I. work, unless such trader was a person under contract with an insurance committee to supply goods other than dispensed medicines.

### A Summer School

There is much that is attractive in the further information on p. 495 regarding the Brighton summer school for pharmacists. The school, if I am not mistaken, is the first of its kind in this country; and the town in which it is held has features beyond those that the casual visitor may notice. One has only to glance through the list of subjects enumerated to see how far pharmacy has travelled in the specialisation of study since the days of Daniel Hanbury—or even, so fast do events move, the days of H. G. Greenish. If any report of the school is issued I shall be interested to learn, in particular, of the nature of the practical work selected and the aptitude for it shown. Some students take readily to the use of new apparatus or processes, but others "fear to launch away." I trust that the Brighton school will be an entire success.

# Imperial and Foreign News

## China

**BRISTLE INDUSTRY CHANGES.**—Recent events in China have seriously affected the hog-bristle industry. The best Chinese bristles came from the province of Szechwan, in the upper reaches of the Yangtze river. Previously bristles collected from this province were shipped from Kweichow to Shanghai on small river junks. This communication system has been interrupted, and it is now some time since Shanghai traders received a shipment of Szechwan bristles, a fact which explains why bristle prices have been rising in foreign markets since the outbreak of the Sino-Japanese hostilities. One of the first Japanese measures in North China was the suspension by the "Provisional Government of the Republic" of the export duty on bristles. The Japanese thus secured for themselves a cheap supply of bristles for home consumption and for export. North China bristles are not the equal of Szechwan bristles in quality, but there is an ample supply, of which the Japanese have at present a virtual monopoly.

## Germany

**LEIPZIG FAIR RESULTS.**—Provisional returns from the Leipzig Spring Fair, March 6-14, give the number of exhibitors as 9,549 (7.5 per cent. up on 1937). There were 818 foreign exhibitors from thirty-two different countries. The total number of trade visitors was 304,000 (an increase of 15.6 per cent. over last year's figures). The Autumn Fair will be held from August 28 to September 1.

## India

**INDIAN IMPORT DUTY ON DRUGS.**—Our Bombay correspondent writes:—Manufacturing firms engaged in the pharmaceutical industries of India have approached the Government of India for the abolition of duties on raw drugs imported into the country from overseas. A comprehensive representation has been submitted which is being supported by the Indian Chambers of Commerce. Import duty on raw drugs at present stands at 30 per cent. *ad valorem*. These raw drugs are not available in the country. The duty increases the cost of manufacture and puts the indigenous industry to a disadvantage when compared with the imported medicines. The Indian Drug Inquiry Committee reported in 1931 that "in the interest of the indigenous pharmaceutical industry the import of raw

materials not available in India deserved special treatment." The total abolition or appreciable reduction of the import duty will afford material relief to the Indian manufacturer and tend to ease the situation considerably.

**CINCHONA.**—According to the report of the Director, Cinchona Department, Madras Presidency, there has recently been an increased number of inquiries for cinchona seed, seedlings and information, though demand for cinchona products remains more or less constant and there has been no variation in the selling prices of the products. During the year two clarifiers were installed by the Department for treatment of charged solvent oil before extraction of alkaloid, and, as a result, an improvement in colour and quality of the crude products has been effected. There has also been a saving in fuel and solvent oil. The approximate quantity of bark used in the factory during the year was 560,000 lb. The production amounted to 17,130 lb. of pink quinine sulphate, 7,917 lb. of febrifuge, 4,860 lb. of totaqua.na, 950 lb. of quinine bi-hydrochloride, and 1,952 lb. of febrifuge tablets.

## New Zealand

**DIRECTOR OF PHARMACY.**—Applications are being invited by the Public Service Commissioners for the post of Director of Pharmacy under the Pharmacy Plan. The salary is to be up to £615 per annum according to qualifications and experience.

**EXAMINATION RESULTS.**—At the Pharmaceutical examinations, held in November 1937, twenty-three out of sixty candidates were successful in the first section and thirty-one out of sixty-three in the final.

**PHARMACY PLAN INDUSTRIAL COMMITTEE.**—The personnel of the Pharmacy Plan Industrial Committee (see *C. & D.*, January 8, p. 45) was announced recently by the Minister of Industries and Commerce as follows:—*Government nominees*, Messrs. E. R. Myers (Health Department), D. W. Woodward (Department of Industries and Commerce), and W. H. Stevens (managing director, Fluenzol Proprietary, Ltd.) ; *Nominees of outside bodies*, Mr. H. J. S. Rickards, Wellington (president, Pharmacy Board) ; Mr. D. S. Dodds, Christchurch (member, Pharmacy Board) ; Mr. J. A. Race (manager, United Friendly Societies' Dispensary, Dunedin) ; and Mr. G. S. Adams, Wellington (employees' nominee).

## Empire Exhibition at Glasgow

On May 3, in the course of a ceremony at Ibrox Stadium, Glasgow, the Empire Exhibition was formally declared open in a speech by his Majesty the King. King George recalled the inception of the Exhibition which he had witnessed ten months earlier. Lord Elgin (president of the Exhibition) received their Majesties. At the declaration that the Exhibition was open, all flags in the Exhibition were simultaneously

unfurled and a twenty-one gun salute was fired. The King and Queen then left the Stadium, drove the short distance to the Exhibition, began a tour at the United Kingdom pavilion, and walked together through all the Dominion pavilions. Mr. Malcolm MacDonald (Secretary of State for the Dominions) and Mr. Walter Elliot (Secretary of State for Scotland) went round with the King.



Aerial view of Empire Exhibition, Glasgow, showing Palace of Industry (left foreground), with British Government Pavilion behind.

## Irish Drug Association

**A**T the meeting of delegates from the provincial associations and the committee of the Irish Drug Association, held in Dublin on April 25, Mr. P. A. Brady (president) in the chair, the following associations were represented: Galway (Mr. P. McGoldrick), North Leinster (Messrs. B. P. Hickey and P. Coffey), Westmeath (Mr. J. K. Whelehan), Waterford and District (Mr. L. Hutchinson), Kilkenny (Mr. P. Teehan), Cork (Messrs. A. R. Lester and D. J. O'Hanlon), co. Kerry (Mr. P. J. Kennelly), and Mayo (Mr. W. Adamson). The president said in the work of the I.D.A. local organisations were a most important factor. Although some of the local bodies had been only a short time in existence many improvements had been brought about, including better working conditions and closer co-operation amongst chemists. A discussion followed on the Approved Lists and leakages of approved lines through unqualified channels. A letter was read from a Dublin wholesaler which stated that the wholesale trade were taking every precaution to prevent leakages, but these were still occurring through retail chemists. Several delegates present expressed disagreement and resentment at this suggestion, but Mr. Hutchinson, Waterford, said the statement in the letter was correct with regard to his area. In Waterford district, retail chemists who were also wholesalers had openly stated that they would continue to supply approved lines to grocers and other non-pharmaceutical traders. The president said he believed this was unusual and confined to Waterford area.

MR. ADAMSON moved that approved lines be coded. Discussion followed, and eventually, on the proposition of MR. KENNELLY, seconded by MR. ADAMSON, it was unanimously agreed that manufacturers on the Approved List be asked to code their lines.

MR. WHELEHAN moved that a minimum fee be charged for supplying copies of prescriptions, and a minimum fee of one shilling charged for dispensing. Solicitors charged their clients for making searches and looking up old files, and pharmacists should do the same. He suggested a minimum fee of 2s. 6d.

MR. LESTER, Cork, said it would be difficult to charge such a fee to a customer who was going on a visit to America, India, or Australia, and who asked for a copy. Another delegate suggested that people sometimes came to the chemist and obtained the copy of a prescription free rather than go to the doctor and pay a fee for examination and a fresh prescription. As opinion was divided Mr. Whelehan withdrew his first motion, but moved that the dispensing fee be one shilling.

Mr. G. A. McLEAN LEE cited a purchase of a battery terminal costing 1s. 8d. In the bill received from the garage he was charged an additional shilling for fitting. What was the sense, said Mr. McLean Lee, in supplying a patent or proprietary article, and not making an extra charge to meet the labour cost of entering the prescription, interpreting the dose, supplying label, and probably container, and in addition accepting the whole legal responsibility if anything went wrong. After further discussion it was decided to take no action until the Prices Commission had decided on some cases at present under consideration.

MR. KENNELLY said he wished to apologise to the Council of the Pharmaceutical Society for a statement he had made at a previous I.D.A. meeting in good faith, and following the complaint of one of his fellow chemists. This complaint had not been substantiated.

It was agreed that delegate meetings should be held on alternate days in the week, such as Wednesdays and Thursdays, to meet the convenience of Provincial members.

MR. TEEHAN, Kilkenny, moved that a legal document be drafted by the Association's solicitors to be signed by retailers who did not wish to run "penny sales." If this document, which, he said, could have appropriate penalty clauses, were signed by all country members, "penny sales" would be ended. It was agreed to follow up this proposal.

Discussion ensued on the Shops (Hours of Trading) and Shops (Conditions of Employment) Acts, and it was decided that each local Association should fix its own half-day. It was further decided to seek the support of the Irish Tourist Association on a movement to seek exemption for the sale of photographic supplies on Sundays. On the proposition of the president congratulations were voted to Dr. Douglas Hyde on his selection as President of Eire.

## Insurance Act Dispensing

### ENGLAND AND WALES

**Huntingdon.**—A fine of 10s. has been recommended by the Insurance Committee upon a local chemist in connexion with a wrongly dispensed prescription. Two previous cases of inaccurate dispensing were taken into account. The prescription called for acid. acetylsal., 90 gr.; pot. cit., 180 gr.; aq. chlorof., ad fl. oz. 6. The certificate of the Committee's analyst gave acid. acetylsal., deficiency of 15.7 per cent.; pot. cit., deficiency of 12.9 per cent. The chemist had had the second portion analysed and the report of his analyst disclosed no material variation from that of the Committee's analyst. The chemist did not appear before the subcommittee, but was represented by his assistant, a registered pharmacist. The assistant stated that he dispensed the prescription; acid. acetylsal. was rarely prescribed by doctors in his district, and he had no stock of this ingredient at the time. He therefore used eighteen 5-grain aspirin tablets, which should contain 90 grains of acid. acetylsal. The mixture when dispensed was cloudy, and in order to clear it he strained the mixture through muslin; probably a quantity of this ingredient had been retained. The pot. cit. might not have been quite up to standard, as it was at the bottom of the bottle.

**Lancashire, No. 4 Area.**—Comparative totals of Insurance prescriptions dispensed in various districts in 1916 and 1937 are:—Rochdale, 1916 105,550, 1937 245,245; Preston, 124,823 and 307,019; Oldham, 178,545 and 400,783; Bury, 53,163 and 168,812; Burnley, 112,535 and 262,229; Bolton, 212,931 and 411,726; Blackpool, 38,255 and 219,513; Blackburn, 152,985 and 356,455; Barrow, 85,531 and 159,479; Westmorland, 25,134 and 54,393. The rate of increase is shown by the following totals for the whole area:—1916, 1,089,452; 1920, 1,170,152; 1925, 1,973,920; 1930, 2,143,554; 1935, 2,430,489; 1937, 2,585,654. The average cost per prescription has increased in the last three years from 8.03d. to 8.31d.; the average frequency has risen from 5.21 to 5.38, and the average cost per insured person from 41.89d. to 44.75d.

**Merthyr.**—Two instances of test prescriptions reported deficient have been investigated by the Pharmaceutical Service Subcommittee. In the first the analyst reported a deficiency of 10 per cent. in sod. iodid. The report of an independent analyst showed an excess of 2 per cent. The chemist submitted a letter from the National Pharmaceutical Union pointing out how the discrepancy between the two reports occurred, and the subcommittee recommended that in view of the explanation no further action was called for. The second case showed a deficiency of 19 per cent. in ferri sulph., the report of the independent analyst showing an excess of 6 per cent. The subcommittee recommended that a strong letter of warning be issued requesting the exercise of greater care.

### SCOTLAND

**Glasgow.**—At a meeting of pharmacists held in Glasgow, on April 30, the following were elected members of the Pharmaceutical Committee for the Burgh of Glasgow for three years as from June 1:—Messrs. P. Ferguson, H. P. Arthur, G. Adam, R. A. Coupar, D. M. Dick, E. Miller, F. Baillie, A. Murray, J. B. McVitae, D. Duncan, J. M. Anderson, J. C. Semple, J. Williamson, J. W. Downie and W. J. Moffat.

**Selkirkshire.**—For the year ending December 31, 10,557 insured persons were on the register of the Insurance Committee, an increase of 180 during the year. Prescriptions dispensed totalled 17,435 (exclusive of insulin), compared with 17,530 in 1936. The total cost was £1,192, against £1,148. Insulin was prescribed to the value of £90, an increase of £10.

### Pharmaceutical Standing Committee (Scotland)

**COMMITTEE ON REMUNERATION.**—At a meeting of the Pharmaceutical Standing Committee (Scotland) held in Edinburgh on April 26, Mr. J. B. McVitae (chairman, Pharmaceutical Standing Committee); Mr. F. W. M. Bennett (vice-chairman); Mr. Peter Duff (president, Scottish Pharmaceutical Federation); Mr. John Weir (vice-president); and Mr. John Boyd (representing bodies corporate) were appointed members of the Committee formed to co-operate with the Department of Health for Scotland in the inquiry as to a claim for better remuneration for National Health Insurance dispensing.

# Company News

P.C. means Private Company and R.O. Registered Office

**W. YATES & SONS (CHEMISTS), LTD. (P.C.).—Capital £200.** Objects: To carry on the business of chemists, druggists, opticians, etc. R.O.: 67 Market Street, Shaw.

**BRYANT, LTD. (P.C.).—Capital £2,000.** Objects: To carry on the business of perfumers, chemists, etc. Chas. N. Adams, 14 Prittlewell Square, Southend-on-Sea, director.

**WILLINGTON MEDICALS, LTD. (P.C.).—Capital £5,000.** Objects: To carry on the business of manufacturing chemists, druggists, etc. R.O.: Limes Place, West Croydon.

**EXTERMINEX, LTD. (P.C.).—Capital £500.** Objects: To carry on the business of contractors for the extermination of vermin, etc. R.O.: Mitre House, 177 Regent Street, W.1.

**CERTUS, LTD. (P.C.).—Capital £100.** Objects: To carry on the business of manufacturers of and dealers in fumigating and other compositions, etc. R.O.: 34 to 38 Sandhill, Newcastle-on-Tyne.

**MIRA (LONDON), LTD. (P.C.).—Capital £200.** Objects: To carry on the business of importers, exporters and manufacturers of and dealers in toilet requisites, perfumery, etc. R.O.: 84 Fore Street, E.C.2.

**ASSOCIATED MEDICAL AND SCIENTIFIC PRODUCTS, LTD. (P.C.).—Capital £100.** Objects: To carry on the business of chemists, druggists, medical instruments, etc. R.O.: 6 Shenley Road, Boreham Wood, Herts.

**SUSSEX COSMETICS, LTD. (P.C.).—Capital £500.** Objects: To carry on business as manufacturers of and dealers in cosmetics, skin foods, etc. Alfred S. W. Golding, "La Vista," Southmeads Road, Stoneygate, Leicester, director.

**MARINE INSECTICIDES (SALES), LTD. (P.C.).—Capital £800.** Objects: To adopt an agreement with Marine Insecticides (Holdings), Ltd., and to carry on the business of dealers in insecticides, chemicals, etc. R.O.: 32 Bishopsgate, E.C.

**H. E. J. GREEN, LTD. (P.C.).—Capital £1,000.** Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, etc. Herbert E. J. Green, "Holderness," Great Nelmes, Hornchurch, Essex, director.

**COLLINS & ASTON, LTD. (P.C.).—Capital £1,000.** Objects: To carry on the business of produce brokers, chemists, druggists, etc. Joseph J. Collins, The Stores, Stubly Lane, Wednesfield, director. R.O.: 35 Dudley Street, Bilston, Staffs.

**TITAN SOAP CO. (DUBLIN), LTD. (P.C.).—Registered in Dublin. Capital £100.** Objects: To carry on the business of dealers and manufacturers of oils, tallow, greases, etc. Harold Ethelwald Crean, St. Annes, Cowper Drive, Rathmines, Dublin, director.

**BEUGGER CHEMICALS, LTD. (P.C.).—Capital £2,500.** Objects: To carry on business as manufacturers of and dealers in chemicals, essences, essential oils, synthetic products, etc. K. John A. Beugger, The Bungalow, Gillingham Green, Gillingham, Kent.

**POWDRILLS (CHEMISTS), LTD. (P.C.).—Capital £400.** Objects: To acquire the business at 286 Old Road, Clacton-on-Sea, carried on by Percy J. Powdrill, and to carry on the business of chemists, druggists, etc. Percy J. Powdrill, 286 Old Road, Clacton-on-Sea, director.

**CHEMA MANUFACTURING CO., LTD. (P.C.).—Capital £500.** Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, gas masks and air-raid precaution equipment, etc. The first directors are to be appointed. Solicitors: Herbert Oppenheimer & Co., 1 and 2 Finsbury Square, E.C.2.

**OXYGEN TENT SERVICE (MEDICAL EQUIPMENT), LTD. (P.C.).—Capital £3,500.** Objects: To carry out research into, manufacture, sell, hire, and deal in oxygen tents and all forms of medical and surgical appliances, etc. Sir Edward B. Poulton, F.R.S., address not stated, Thos. W. Adams, 33 Devonshire

Street, W.1, physicist, and Evelyn Herbert, 33 Devonshire Street, W.1, directors.

**LUFT-TANTEE (LONDON), LTD. (P.C.).—Capital £3,000.** Objects: To acquire the undertaking and all or any part of the assets (including the trade mark "Luft-Tankee") of Luft, Ltd. (formerly known as Luft-Tankee, Ltd.), and to carry on the business of manufacturers and dealers in lipstick, toilet and cold creams, toilet powders, etc. Directors to be appointed by the subscribers. Solicitors: Lovell, White & King, 5 Thavies Inn, E.C.1.

**YEAST-VITE, LTD.**—Report for fifteen months to March 31 shows net profit, after income tax and N.D.C., £156,081 (£104,980 in previous year); final dividend on ordinary shares of 45 per cent., making 52.36 per cent. for period (32 $\frac{2}{3}$  per cent. for previous year); forward £25,747 (£25,481).

**A. F. SHERLEY & CO., LTD.**—Report for thirteen months to March 31 shows net profit from trading (after crediting grant of £1,315 received from parent company towards cost of special advertising) £18,394 (£22,475 in previous year); less provision for directors' fees, £500; taxation, including N.D.C., £4,364 (£5,715); dividend on deferred shares of 35 per cent., free of tax, for period (50 per cent. for year); forward £3,804 (£3,733).

**BRITISH OXYGEN CO., LTD.**—The directors announce a final dividend of 10 per cent., less tax at 5s. id. (Dominion income-tax relief 5d.). With the interim of 7 per cent., this makes 17 per cent., less tax, for the year. For the previous year the total distribution was 15 per cent., of which 8 per cent. was paid as a final. There was also a free bonus of one share of £1 for every £15 of ordinary stock held, and the final dividend of 8 per cent. was paid on these new shares.

**VENO DRUG CO., LTD.**—Report for year to March 31 shows net profit from trading (after crediting grant of £19,430 from parent company towards cost of special advertising), £272,978 (£243,264, including £1,724 profit on sale of investments), less directors' fees £2,750; income-tax and N.D.C. £71,967 (£50,159); dividend on deferred ordinary shares of 32 $\frac{1}{2}$  per cent. (300 per cent.); forward £4,356 (£3,728). Directors have carried to general reserve £151,201 standing to credit of share premium account and have decided to recommend capitalisation of £130,000 of this amount by issue of 2,600,000 fully-paid deferred ordinary shares of 1s. each as capital bonus to existing holders in proportion of two new deferred ordinary shares credited as fully paid for each existing deferred ordinary share held.

**BEECHAMS PILLS, LTD.**—Report and accounts for the year ended March 31, 1938, show record profits and an increase in dividend is recommended. The directors recommend a final dividend on the deferred shares of 47 $\frac{1}{2}$  per cent., making, with the interims already paid, a total of 85 per cent. (60 per cent. last year on a smaller capital). The directors also recommend the usual participating dividend on the 8 per cent. cumulative participating preferred shares at the rate of 2 per cent. per annum, making 10 per cent. for the year. It is proposed to create 300,000 5 per cent. redeemable cumulative preference shares of £1 and to capitalise £300,000 of the general reserve by the issue of these shares to deferred holders in the proportion of one new preference share for every four deferred shares of 5s. each now held. As the rights of the preferred shareholders would be affected by the increase of capital, the directors propose that in future the preferred shares should be entitled to receive a fixed cumulative preferential dividend of 10 per cent. per annum before any distribution is made to the holders of the new preference shares or deferred shares. Profit for the year amounted to £600,908, and is arrived at after charging against profits of subsidiary and associated companies approximately £21,000 for National Defence Contribution. A total of £151,926 is charged against the parent company's profits for tax and N.D.C., and £86,583 is placed to development reserve, bringing that reserve up to £100,000. Investments in subsidiaries have been revalued at £2,500,000 and the resulting surplus of £1,147,536 has been placed to capital reserve.

## Stock Exchange Prices

£1 shares unless otherwise stated	Dec. 31, 1937	Mar. 31, 1938	April 29, 1938
	s. d.	s. d.	s. d.
Allen & Hanburys, 7% Prefd. Ord.	26 0	26 3	27 3
Amalg. Dental Co., 8% Prefd. Ord.	25 6	26 3	26 0
Deferred £1 ...	14 0	12 9	11 6
Aspro, Ltd., 5s. shares ...	16 6	15 6	15 9
Ayrton, Saunders & Co., 7½% Pref.	25 6	23 0	21 9
Beechams Pills, Deferred 5s. shares	58 9	56 0	63 9
Benger's Food, Ord. ...	39 6	36 6	34 0
Benzol & By-Products cum. part. Pref.	12 6	12 0	11 3
Berger (Lewis) & Sons, Ord. ...	56 3	54 6	56 3
Blundell Spence & Co. ...	16 3	15 0	14 9
Boake (A.), Roberts & Co., 5% Pref.	22 0	21 0	20 9
Boots Pure Drug, Ord. 5s. shares ...	45 6	42 6	48 6
Boots Pure Drug, 7% "A" Prefd. Ord.	33 0	33 0	33 0
Boots Cash Chemists (S.), 6% "A" Prefd.	29 0	29 0	29 0
Borax Consol., Dfd. Ord. ...	27 0	24 9	27 3
Bovril, Ord. ...	26 6	26 3	27 0
Defd. ...	22 6	20 6	20 3
British Industrial Plastics (formerly British Cyanides), Ord., 2s. shares ...	2 7½	2 3	2 3
British Drug Houses, The, Ord. ...	24 3	24 0	23 3
British Glues & Chemicals, 4s. Ord. ...	5 9	5 9	6 0
British Oil and Cake Mills, Prefd. Ord.	46 6	44 9	44 3
British Oxygen, Ord. ...	82 6	75 0	82 6
British Photo. Indus., 6% Cum. Pref.	3 6	3 6	3 6
Burt, Boulton & Haywood, Ord. ...	20 6	19 6	20 0
Bush (W. J.) & Co., 5% Pref. £5 ...	105 0	102 6	102 0
Callard, Stewart & Watt, Ord. ...	4 6	5 6	3 3
Cooper, McDougall & Robertson, Ord.	33 0	30 0	29 0
Crosfield (Joseph) & Sons, 6½% Pref.	30 0	28 6	28 6
Dubarry Perfumery Ord. 1s. ...	2 7½	2 7½	2 6
Eno Propriet'y, Ord. 5s. ...	22 6	22 6	22 6
Eno Propriet'y, 7½% Pref. ...	6 1½	5 3	4 ½
Evans Sons Lescher & Webb, Ord. 6s. 8d. shares ...	5 3	5 3	4 3
" " " 6% cum. part. Pref. ...	7 9	7 3	6 3
Field (J. C. & J.), Ord. ...	23 9	22 3	23 1½
Galloway (P. H.), Ord. 2s. ...	3 0	2 10½	2 10½
" 7½% Cum. Pref. ...	26 6	26 0	26 3
Genatosan, Ltd., IS. ...	6 4½	5 6	5 3
Gossage (William), 6½% Pref. ...	30 0	29 0	29 3
Greeff-Chemical Holdings, Cum. Pref. 10s. ...	9 6	9 9	10 0
" " " Ord. 5s. ...	6 10½	6 9	8 0
Griffiths Hughes (Kruschen), Ord. ...	15 0	11 3	11 6
Grout & Co., Ord. ...	13 0	10 6	11 3
Hodders, Ord. 1s. ...	0 9	0 7½	0 9
Ilford, Ltd., Ord. ...	28 9	26 9	26 3
" 6% Pref. ...	25 6	25 9	25 6
Imperial Chemical, 7% Pref. ...	33 6	31 3	32 9
" " " Ord. ...	35 0	30 3	32 0
Intern. Sponge Importers, 6% Pref. ...	7 3	5 3	5 3
Knight (John), 25% Prefd. Ord. ...	100 0	92 6	95 0
Laporte (B.) & Co., Ltd., Ord. ...	90 0	80 0	92 6
Lever Bros., Ltd., 7% Pref. ...	31 3	30 0	31 6
" " " 8% Pref. ...	33 3	31 0	32 9
" " " 20% Prefd. Ord. 5s. ...	21 0	18 9	19 6
Lewis & Burrows, Ord. ...	24 9	23 0	23 0
" 6% Pref. ...	22 0	20 9	21 3
Liebig's Ext. of Meat, Ord. £5 ...	£15 4	£15 4	£15 2
Macleans 6% Red. Pref. ...	22 9	22 6	22 9
Mellin's Food, 6% Pref. ...	1 6	1 3	1 6
Nathan, J. (Glaxo), 7% Pref. ...	23 6	23 9	24 0
" " " 8% Prefd. 10s. ...	13 0	11 6	12 0
" " " Ord. 1s. ...	6 10½	5 3	5 3
Pears (A. & F.), 5% Deb. £100 ...	£110	£109	£109
Reckitt & Sons, Ord. ...	103 9	102 6	106 3
Sangers, Ord. 5s. ...	23 0	21 0	23 0
" Sanitas," The, Co., 9% Pref. ...	29 1½	28 9	28 6
Sanitas Trust, 10% partic. Pref. ...	29 4½	28 3	26 4½
Smith (Stephen) & Co., Ord. 5s. ...	10 9	9 9	9 0
Spratt's Patent, Ord. ...	58 9	47 9	46 10½
Stevenson & Howell, 6½% Cum. Pref. ...	25 0	24 0	24 0
United Glass Bottle Man., Ord. ...	49 6	47 6	50 3
Veno Drug Co., 8% Pref. ...	24 9	24 6	25 6
Virol, Ltd., Ord. ...	31 3	30 0	30 0
" 7% Pref. ...	24 0	24 0	25 0
White (A. J.), Ltd., Ord. 10s. ...	18 6	17 0	17 0
White (Timothy) & Taylors, 7½% Pref. ...	29 9	28 6	29 0
" " " Ord. 5s. ...	26 6	26 3	27 6
Woodlands' Chemists, Ord. 5s. ...	1 0	0 8½	0 11½
Wright, Layman & Umney (1932), 7% cum. Pref. ...	24 0	23 3	21 9

## Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1938, p. 302.

(From "The Trade Marks Journal," April 20, 1938)

" PERENOX"; for agricultural and horticultural chemicals (2). By Imperial Chemical Industries, Ltd., Millbank, London, S.W.1. 584,434.

" EXIDOL"; for medicated liniment (3). By Charles Delacre, 321 Avenue de la Couronne, Brussels, Belgium. 582,399.

" LOUGHLAX"; for medicated laxatives (3). By A. Steede, 304 Antrim Road, Belfast, Northern Ireland. 584,135.

" BENGREAN"; for medicinal chemicals (3). By Bengué & Co., Ltd., 24 Fitzroy Street, London, W.1. 584,343.

" CRYSTAL CROWN"; for medicinal chemicals, excluding soap (3). By J. Lingford & Son, Ltd., 5 Durham Street, Bishop Auckland, Durham. 582,447.

" PARISALON"; for medicated preparations for asthma (3). By Veritas Drug Co., Ltd., 94 Clerkenwell Road, London, E.C.1. 582,924.

" IBEX"; for ointment and pills for piles (3). By Mary Crichton, 289 Main Street, Glasgow, S.E. 584,455.

" ASTHOSANA"; for medicines for chest diseases (3). By F. Riddell, Ltd., Axtell House, Warwick Street, London, W.1. 584,143.

" MINCA"; for photographic apparatus (8). By International Research Corporation, 405 Fourth Street, Ann Arbor, Michigan, U.S.A. 579,161.

" COLUSO"; for surgical instruments, etc. (11). By The Scottish Co-operative Wholesale Society, Ltd., 95 Morrison Street, Glasgow, C.5. 583,847.

" CAMEO"; for toilet paper (39). By The British Patent Perforated Paper Co., Ltd., Berkshire Road, London, E.9. 583,191. (Associated.)

" LUTONAL"; for all goods (39). By I.G. Farbenindustrie A.G., Grünbergplatz, Frankfurt-on-the-Main, 20, Germany. 583,648. (Associated.)

" JANE SEYMOUR BEAUTY PREPARATIONS" in oval around woman; for toilet preparations (48). By Jane Seymour, Ltd., 21 Grosvenor Street, London, W.1. 571,847. (Associated.)

" CURLLECTRIC"; for shampoos, etc. (48). By West Electric Hair Curler Co. (of England), Ltd., 8 Kirby Street, London, E.C.1. 582,783.

" DAR"; for hair preparations (48). By Pannett & Neden, 206 Stewart's Road, London, S.W.8. 584,077.

" PEDEVELLO"; for lotion for the feet (48). By J. A. C. Products Co., 19 Oxford Street, London, W.1. 582,532.

(From "The Trade Marks Journal," April 27, 1938)

" TRAFFODOL"; for all goods (1). By Metropolitan-Vickers Electrical Co., Ltd., 1 Kingsway, London, W.C.2. 584,640.

" GENATOSAN"; for all goods (2). By Genatosan, Ltd., 43 Regent Street, Loughborough, Leicestershire. 583,924. (Associated.)

" BELVITAN"; for hormone preparations for plants (2) and " EUFLAMIN"; for medicinal chemicals (3). By Bayer Products Ltd., 31 Basinghall Street, London, E.C.2. 583,977/382.

" SINAPHIT"; for veterinary and sanitary chemicals, etc. (2) and " JUNCUNDAL"; for medicinal chemicals (3). By Schering, Ltd., 185 High Holborn, London, W.C.1. 584,513/583,251.

" MERFUSAN"; for agricultural chemicals, etc. (2). By May & Baker, Ltd., 42 St. Paul's Churchyard, London, E.C.4. 584,573.

" CARDICE" and " CARDICE" in label design (numeral 2 disclaimed); for carbon dioxide for preserving food by impregnation of the atmosphere (2). By The Carbon Dioxide Co., Ltd., Horseferry House, London, S.W.1. 583,133/4. (Associated.)

" VIMAROIDS"; for aphrodisiacs (3). By Scott & Scott, Ltd., 7 Princes Street, London, W.1. 579,966.

" SILVER SPOON"; for medicinal chemicals, excluding soap (3), and " SEASIDE"; for medicated salines (3). By J. Lingford & Son, Ltd., 5 Durham Street, Bishop Auckland, Durham. 582,446/448.

" RADYDNE"; for medicated preparations for rheumatism, etc. (3). By S. A. Colegate & Co., Ltd., 46 Orchard Street, Weston-super-Mare. 583,249.

" ANGIOXYL"; for a pancreatic extract (3). By Roussel Laboratories, Ltd., 1 Finsbury Square, London, E.C.2. 583,618.

" EFERCO"; for medicated wines (3). By F. W. Rauth, 83 Great Portland Street, London, W.1. 583,650.

" MANOIDS"; for medicines (3). By The Acton Pill & Tablet Co., Ltd., Stratford Road, Ash Vale, Surrey. 584,012.

" MAXOPRIN"; for medicated tablets (3). By Gedeon Richter (Great Britain), Ltd., 14 Weedington Road, London, N.W.5. 584,373.

## Trade Notes

**REDUCED PRICES.**—D. & W. Gibbs, Ltd., London, E.1, announce a price reduction of Gibbs' solid dentifrice.

**STREPTOCIDE TABLETS.**—Evans Sons Lescher & Webb, Ltd., 56 Hanover Street, Liverpool, inform us that prices of Streptocide tablets have been reduced.

**MOTH KILLER.**—Coltson Hygienic Products, 27 Beauchamp Place, London, S.W.3, advertise Coltson's perfumed anti-moth sachet, which is guaranteed to kill all moths. Details are given elsewhere in this issue.

**NEW MEDICAL PRODUCT.**—Samona, Ltd., 16-18 Charterhouse Street, London, E.C.1, advertise their new medical product for neurasthenia, etc., elsewhere in this issue. Chemists are invited to apply to their usual wholesalers for supplies.

**NEW TRUSS APPLIANCE.**—The Blunden Surgical Appliance Co., Ltd., 9-15 Oxford Street, London, W.1, have introduced a new plasto-celluloid bathing truss with resilient waterproof pads. Full details are given elsewhere in this issue.

**TAMPAX DISPLAY.**—A new showcard has been produced for Tampax displays, the sole distributors of which are Splendor, Ltd., 5 Beastmarket Hill, Nottingham. Supplies are available from all the leading wholesalers in Great Britain and Ireland.

**SANDOZ INDEX.**—We have received from J. Flint, Sandoz Products, 134 Wigmore Street, London, W.1, a copy of the Sandoz Index, which consists of 48 pages of matter relating to the ethical products issued by Messrs. Sandoz. Copies of this brochure may be obtained on application.

**GLASGOW EXHIBITION.**—Vinolia soap will be supplied exclusively in the various cloakrooms throughout the Exhibition grounds. For the retiring rooms of their Majesties the King and Queen on the occasion of the opening ceremony a supply of Vinolia Vestal Soap was provided.

**FEMILAN TABLETS.**—With further reference to our note on this new product, we illustrate on this page a specimen of the type



of display material available for chemists. The broadsheet has already been sent out to all retailers.

**BEAUTY PRODUCTS.**—The Pompeian Co., Ltd., 160 Piccadilly, London, W.1, announce exclusive additions to the range of beauty preparations. New lipsticks, rouges and powder shades are mentioned in the latest price list, which details the various shades and packs available. Particulars of bonus terms are given in our advertisement pages.

**"BUSINESS MAN'S GUIDE TO DENMARK."**—The Danish-British Association, Copenhagen, have published a seventh edition of the brochure "The Business Man's Guide to Denmark." The book is intended to be of assistance to the British business man about to visit Denmark and during his stay in that country. Useful information in regard to routes, hotels, restaurants, etc., is included. It is noteworthy that Denmark is Great Britain's third best customer in Europe after Germany and France.

**NEW COTY CREAM ROUGE.**—Illustrated on this page is the counter display box of twelve containers of cream rouge, a new product issued by Coty (England), Ltd., Coty House, 3 Stratford Place, London, W.1. The container has an oyster pink base with a maroon lid, and is made flat so that it can be carried in any handbag. There are six shades, which have been made to match the Coty lipstick shades. The rouge is soft and easy to apply, and is intended to produce a natural effect under face powder.



**NEW COSMETIC BASE.**—Albright & Wilson, Ltd., Shell-Mex House, Strand, London, W.C.2, direct attention to Manucol V, the new cosmetic base for use in formulas concerned with sunburn jellies, glycerin handcreams, etc. Manucol V is offered for the consideration of manufacturers, because of its uniformity, purity and cost.

**SELO FILM.**—Ilford, Ltd., Ilford, Essex, have made recent changes in Selo hypersensitive panchromatic roll film. We are informed that this film has met with a great measure of approval. It is rated at 31° Scheiner, for which it has been necessary to introduce a new speed group "F." It is described as being twice the speed of material hitherto available.

**LEKTROLITE FLUID.**—Chemists are invited to apply for details of the new terms available on Lektrolite fluid, which operate from May 1. This product is obtainable only from stockists of the lighters. Lektrolite-Golites are flameless, windproof and non-mechanical. All goods are guaranteed against faulty workmanship and materials. Details may be obtained from Platinum Products, Ltd., Astor House, Aldwych, London, W.C.2.

## "C. & D." Retail Price List

The index figure of drug prices for April remained unchanged from that of the previous month, being 154.5 as against 151.4 in the corresponding month last year. In surgical dressings the index figure also remained unchanged, being 138.5 as against 138.0 in the corresponding month in 1937. The changes in selling prices requiring attention are:—

Cost  d. per	Drugs and Chemicals	Selling Price			
		16 oz. s. d.	4 oz. s. d.	1 oz. s. d.	1 dr. s. d.
42 lb.	Ammon. persulphas .. ..	—	1 6	0 6	0 1
42 lb.	Calumbæ radix .. ..	5 3	1 6	0 6	—
120 oz.	Crocus .. ..	—	—	—	2 6
132 oz.	Crocus pulv. .. ..	—	—	—	2 10
48 dr.	Ephedrina alk. .. P.I.(8)	per	gr.	0 2	7 0
39 dr.	Ephedrinæ hydrochlor. P.I.(8)	per	gr.	0 2	5 9
39 dr.	Ephedrinæ sulphas .. P.I.(8)	per	gr.	0 2	5 9
81 lb.	Hydrargyrum .. ..	10 3	3 0	0 10	—
72 oz.	Piperazine .. ..	—	—	10 6	1 6
36 25	Proseptazine tablets .. ..	4 6	per	25	—
24 25	Sonyryl tablets .. R only	3 0	per	25	—
32 25	Stovarsol vaginal compound tablets .. .. S.I.(4)	4 0	per	25	—

## Births

Notices for insertion in this column must be properly authenticated.

**ADDIS.**—At Hertford, on April 28, Alma Margaret, the wife of Robert Addis, of a daughter.

**COULTER.**—At Ikirrin, Roscrea, co. Tipperary, on April 20, the wife of Robert A. S. Coulter, M.R.C.V.S., Ph.C., of a daughter.

## Marriages

**BARNES—CUSHING.**—At St. Mary's Church, Market Drayton, on April 28, Gerald T. Barnes, M.P.S., Market Drayton, to Margaret Cushing.

**EVANS—LLOYD.**—At Llechryd, Cardiganshire, on April 19, by the Rev. T. Lloyd, father of the bride, Dan Trevor Evans, M.P.S., Stoneleigh Pharmacy, Stoneleigh, Surrey, to Elsie Mary Lloyd, youngest sister of Lyndon Lloyd, M.P.S., F.S.M.C., Cardigan.

**HARGEAVES—PICKUP.**—At St. James's Church, Accrington, recently, George Hargreaves, M.P.S., Oswaldtwistle, to Gladys Pickup.

**MCKIM—DAVIES.**—At North Parish Church, Paisley, recently, Thomas McKim, Ph.C., Paisley, to J. T. Davies.

**SPENCER—BENN.**—At St. Benedict's Church, Glinton, Peterborough, on April 23, Norman Spencer, B.Sc., Ph.C., Peterborough, to Jennie G. Benn.

**TAYLOR—CARLETON.**—At St. Laurence's Church, Morecambe, on April 27, Richard Taylor, M.P.S., Morecambe, to Sybil Carleton.

## Deaths

**BAYS.**—Recently, Mr. Walter Henry Bays, M.P.S., Birchfield Road, Webheath, Redditch. Mr. Bays passed the Minor examination in 1908.

**CUNNINGHAM.**—On April 13, Mr. John Francis Cunningham, St. Anne's Road, Harrow, aged fifty-two. Mr. Cunningham was at one time in business in Folkestone, and acquired his business in Harrow about two years ago.

**DAWSON.**—On April 11, Mr. Theophilus Ernest Dawson, M.P.S., 11 Bath Street, St. John's Road, Huddersfield, aged seventy-four.

**OSBORN.**—Recently, Mr. William James Osborn, joint managing director of F. Longdon & Co., Ltd., surgical bandage manufacturers, Derby, aged sixty-one.

**PATTISON.**—On April 17, Mr. Walter Pattison, M.P.S., Kirkby Lonsdale, aged fifty-six. Mr. Pattison was formerly in business at Windermere.

**TAYLOR.**—Recently, Mr. John Watt Taylor, M.P.S., George Place, Guernsey. Mr. Taylor passed the Minor examination in 1915.

## Personalities

**MR. P. J. ASHFIELD.** chemist and druggist, Rhyl, has been re-elected vicar's warden at St. Thomas's Church.

**MR. H. VOCKINS** has been appointed representative in Lancashire and Yorkshire for J. Gaw & Co., 65 Hatton Garden, London, E.C.1.

**MR. T. J. S. JUKES** has resigned his position as representative for May, Roberts & Co., Ltd., London, owing to continued illness.

**MR. D. T. DAVID**, M.P.S., has been granted permission by the Royal Court of Guernsey to practise as a chemist in that island.

**MR. W. J. HALLETT**, M.P.S., has resigned from the position of vice-chairman of the Bath Insurance Committee after holding office for twenty-seven years.

**MR. W. T. HALL**, M.P.S., Truro, secretary of the Cornish Pharmacists' Association, is to be the recipient of Grand Lodge rank of Past Assistant Grand Director of Ceremonies.

**MR. J. A. WALKER**, a well-known pharmacist of Northcote, Melbourne, Australia, is paying another visit to this country. His address will be: c/o Messrs. Walker Brothers, Temple Row, Birmingham.

**MASONIC GRAND LODGE HONOURS.**—Among the grand officers of the United Grand Lodge of England, 1938, are Dr. F. W. Crossley-Holland, M.P.S., Senior Grand Deacon; Messrs. G. R. Knox Mawer, M.P.S. (a member of the Pharmaceutical Society's Council), and William Massey, M.P.S., Guildford, Past Grand Standard Bearers. Mr. Massey was also awarded the rank of Past Assistant Grand Director of Ceremonies at a meeting of the Grand Chapter.

**MR. H. MAURICE PALMER** has been elected chairman of the Huyton-with-Roby Urban District Council. Mr. Palmer, who is a native of Great Yarmouth, commenced his business career with Burroughs Wellcome & Co. in 1901. In 1920 he joined the export staff of Ayrton, Saunders & Co., Ltd., Liverpool, and remained with them until 1927, when he was appointed secretary to Wm. Alfred Jones, Ltd., Liverpool, of which company he was made a director in 1935.

**MR. H. NEVILLE DALE**, B.Pharm., Ph.C., M.P.S., has been appointed secretary of the Transvaal Pharmaceutical Society. Mr. Dale, who was apprenticed at Sowerby Bridge, Yorks, was on the staff of the Bradford Technical College from 1931 to 1934, in which year he joined Glaxo Laboratories, Ltd. Two years later Mr. Dale was appointed Lecturer in Pharmaceuticals at the Witwatersrand Technical College, South Africa. At various times he has been a member of the Pharmaceutical Committees of Bradford and Harrow, and has represented Bradford Branch of the Pharmaceutical Society as delegate at the British Pharmaceutical Conference.



MR. H. M. PALMER

## Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

### Tuesday, May 10

*Thames Valley Pharmacists' Association*, Three Fishes Hotel, Kingston, at 8.45 p.m. Annual meeting.

*Association of Pharmaceutical Employees*, 17 Bloomsbury Square, London, W.C.1, at 8.45 p.m. Mr. Percy Burns on "Trade Union Problems."

### Wednesday, May 11

*South-East Metropolitan Branch, Pharmaceutical Society*, Ship Hotel, Greenwich, at 8.45 p.m. Meeting.

*Birmingham Pharmaceutical Association*. Works visit.

*British Chemical and Dyestuffs Traders' Association*, Ltd., Waldorf Hotel, Aldwych, London, W.C.2, at 1 p.m. Annual luncheon. At 3 p.m., annual meeting.

*Manchester Pharmaceutical Association Tennis Club*, Platt Fields Courts, at 2.30 p.m. Meeting.

*South-West (London) Chemists' Association*. Visit to Allen & Hanburys, Ltd., Ware. Coaches leave "The Plough," Clapham, at 1.30 p.m.

### Thursday, May 12

*Leeds Branch, Pharmaceutical Society*, Metropole Hotel, at 8.30 p.m. Annual meeting.

*Sheffield Branch, Pharmaceutical Society*. Works visit, Hull. Coaches leave Sheffield at 1.30 p.m.

*West Ham Association of Pharmacists*. Visit to The British Drug Houses, Ltd. Coaches leave Stratford Broadway at 1.30 p.m.

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**Information Department**

**INFORMATION WANTED**

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

W/35 Beauty's Bright Idea	B/30 Creozone
eyebrow tweezers	B/25 Rappai's slimming tea
F/25 Cripps Rubezi	H/25 Vegelac

# THE CHEMIST AND DRUGGIST

VOL. CXXVIII

May 7, 1938

NO. 3039

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**Universal Medical Service**

PROPOSALS for a scheme to extend the medical services provided by the National Health Insurance Acts, and to establish a general service for the nation, are contained in the annual report of the British Medical Association (Supplement to the "British Medical Journal," April 30, page 253). The medical benefits of the present National Health Insurance, it is suggested, should be extended to include dependents of all insured persons. Several members of a family within an income limit of £250 would be included under the scheme, thus approximately another nineteen million people will be affected. Many different opinions have been expressed regarding the financing of an extended service, but it now seems generally accepted that the most practicable and desirable way of providing the general practitioner medical service is by amplifying and extending the type of service now given under the National Health Insurance Acts. The Ministry of Health is the only existing agency in England and Wales, which can act as a unifying force, but its many departments appear to function independently of one another. For instance, it has given the control of school medical service to the Board of Education while the control of another important health service remains with the Home Office. It will be appreciated therefore, that it would be advantageous for the purposes of central administration and supervision if these divisions could be abolished. In effect, the present provision may be summarised as follows: (1) Under the control of the Insurance Committees, the general practitioner service would be designed for some nineteen million persons. (2) Under the auspices of the local authority: (a) the environmental health service; (b) a general practitioner service for destitute persons or those in need of public assistance; (c) a limited school medical service; (d) a maternity service; (e) supervision of certain mental deficiency cases; (f) clinics for such purposes as infant welfare, early mental disorders, tuberculosis and venereal disease; (g) consultants' and specialists' services; (h) general and special hospitals.

The provision which should be made in any general medical service for the nation includes in addition to environmental health and sanitary services: (1) a general practitioner service; (2) auxiliary services such as nursing, massage, physical medicine; (3) dental and ophthalmic services; (4) a complete maternity service; (5) a consultant specialist and laboratory service; (6) an institution service. In close association with the general practitioner service would be certain auxiliary services of lay persons such as pharmacists, nurses, and biophysical assistants. Although the approach of the patient to the general practitioner should be direct and free, it is essential in the interest of the patient that consultant and specialist services should be available only on the recommendation of the family doctor.

The aggressive attitude of the British Medical Association on behalf of its members is bound to evoke a feeling of admiration, and so far as pharmacy is concerned, of envy. Why it should be left to a private association to put forward a scheme for the advancement of medical services need hardly be considered. It may be recalled that when the National Health Insurance Act, 1911, was first introduced, no provision was made for the dispensing of medicines. If the Council of the Pharmaceutical Society feels that it still represents pharmacists, here is work to be done. It is understood that in some directions the Pharmaceutical Society and the British Medical Association are in close harmony. Such a scheme as this, which visualises the possibility of what is in effect practically a universal medical service scheme for the people, should surely be put forward with the approval and the authority of the Pharmaceutical Society so far as the dispensing of medicines is concerned. The curious attitude of the British Medical Association in describing pharmacists as "lay persons" might well be investigated by the Council. This attitude of the B.M.A. should not be tolerated if the interests of the pharmacist are considered. At this stage it may be of value to consider the trend of pharmacy from the point of view of its practitioner. If the chemist does contemplate a future where his business of dispensing is concerned with National Health Insurance at a beggarly rate of remuneration, the prospects of a livelihood in professional pharmacy are not exactly encouraging. The trade must guard against the possibility of clutching at a shadow.

**"Wear and Tear" Allowance**

In commenting on the concession of increasing the wear and tear allowance on plant and machinery from 10 to 20 per cent., the Chancellor of the Exchequer, when introducing the Budget last week, according to "Hansard," said: ". . . This increase which I am making in the wear and tear allowance is roughly equivalent to the incidence of the additional 6d. in the reserves of companies engaged in industries employing plant and machinery. . . ." The practice of the Inland Revenue authorities is to agree to allowances for "wear and tear" of plant and machinery at various "standard" rates, according to the circumstances. Where, prior to 1931, the basic rate of allowance was, for example, say, 7½ per cent., the additional 10 per cent. allowance provided for in the 1931 Budget increased it to 8½ per cent. (i.e., 7½ per cent. plus ¼ per cent. additional allowance). Now, the additional allowance has been put up to 20 per cent. of the basic rate, thus increasing a basic allowance of 7½ per cent. to one of 9 per cent. The value of this concession to industry will, of course, vary according to the basic rate agreed to by the authorities but, it seems, even in favourable cases, it will be unlikely to compensate industry for the imposition of an additional 6d. in the £ on the standard rate of income tax. To the commercial community the plant and machinery concession provides no relief.

# Pharmaceutical Society of Great Britain

## Council Meeting

AMONG the business matters transacted by the Council of the Pharmaceutical Society at the meeting held at Bloomsbury Square, London, W.C.1, on Tuesday, May 3, were the following items:—

*Replacement of the Presidential Badge.*—The president reported that the insurance company had paid to the Society the value of the badge and considered that its recovery was unlikely. It was agreed that Mr. Omar Ramsden should be requested to submit a design for a new badge based on the Grant of Arms.

*Correspondence.*—From the Scottish Office stating that the proposal of the Glasgow Corporation for the control of the sale of drugs and medicines in Glasgow had been transmitted to the Scottish Department of Health.

From the Home Office enclosing a copy of a letter sent to the Town Clerk of Glasgow stating that the letter concerning the same proposals which had been sent to the Home Office had been forwarded to the Ministry of Health and to the Privy Council.

From the chairman and secretary of the Manchester and District Area Committee of the staff of Timothy Whites & Taylors, Ltd., informing the Council that such a Committee had been set up.

From the secretary of the Wembley and District Society of Pharmaceutical Employees requesting the Council to take steps towards the formation of a national organisation of pharmaceutical employees. The secretary was authorised to interview representatives of the Wembley Society.

*Contraceptives (Regulation) Bill.*—The Council considered this Bill and noted that the Prime Minister had stated that Government time could not be found for its discussion. In the circumstances the Council agreed that no action by the Society was called for.

*Chancellor's Statement on Medicine Stamp Duty.*—The President called attention to the Chancellor's Budget speech (see *C. & D.*, April 30, p. 503). He stated that the Joint Committee dealing with this matter was available for action at any moment.

### Wednesday's Proceedings

There was not much discussion in public at the meeting of the Council held at Bloomsbury Square on Wednesday, May 4, the president, Mr. T. Marns, in the chair.

#### DEATHS

THE PRESIDENT, at the outset, referred sympathetically to the passing of the following members of the Society, well known in pharmacy:—

Mr. Thomas Edward Lescher, an honorary auditor of the Society and Chairman of the British Pharmaceutical Conference in 1937; Mr. Alfred Radley Briggs, of Horbury, Yorks, a past-chairman of the Leeds and District Branch of the Society; Mr. Barnett Eugene Manton, of Crayford, a past-chairman of the Dartford and District Branch of the Society; Mr. Arthur Pearson Luff, Bell Scholar, 1873. Dr. Luff acted as Privy Council visitor to the Society's examinations during the war in the absence of Sir William Willcox in India; Mr. Ernest Goulding, Bell Scholar in 1892. Dr. Goulding was an authority on vegetable fibres, and for many years associated with the Imperial Institute in scientific research. Mr. Marns made special reference to Mr. Lescher, and recalled that at the recent dinner Mr. Lescher had proposed the toast of his health, and had also afterwards said how much he appreciated the opportunity of doing so. He seemed in good health then and his death had come as a great shock. He proposed the following resolution: "The Council record their deep regret at the death of Thomas Edward Lescher. A member of a family outstanding in pharmaceutical history, his grandfather having been one of the founders of the Pharmaceutical Society, Thomas Edward Lescher maintained and enhanced the tradition of his family in giving freely of his time and energies in the service of pharmacy as treasurer and chairman of the British

Pharmaceutical Conference, as an honorary auditor of the Society for many years, and in numerous other ways."

THE VICE-PRESIDENT seconded, and the resolution was passed by the Council, whose members stood in silence as a mark of their agreement.

#### GIFTS OF HISTORICAL INTEREST

THE PRESIDENT announced the receipt of a number of gifts of antiquarian interest, including the first registration of premises receipt under the 1933 Act, from Mr. L. Lester, of Earl's Court; two syrup jars from Mr. Appleton, of Sheffield; and an old leech jar from Mr. Norwood, of Wath-on-Dearne. They would be added to the collection, already of considerable proportions, which would be placed for exhibition in the Society's new building.

#### REGISTRATION ITEMS

Sixteen persons were elected as student-associates, and one person was restored to the register of student-associates. Seven persons were restored to the registers of Pharmaceutical Chemists and Chemists and Druggists. The registrar reported that thirty-four persons had been registered as apprentices or students since the last meeting.

Sir Humphry Rolleston and Professor Gunn were elected honorary members of the Society on retiring from the Council, on which they have served for some years as nominees of the Privy Council. Professor Dilling and Sir Walter Langdon Brown become honorary members by reason of their being appointed to represent the Privy Council at the Council meetings.

Mildred Rose Paterson, formerly of Melbourne, Victoria, now residing at 26 Lancaster Gate Terrace, W., having complied with the regulations, was registered as a chemist and druggist in accordance with the provisions of Section 4, subsection (b) of the Poisons and Pharmacy Act, 1908. The draft annual report was adopted for presentation at the annual general meeting in accordance with the by-laws.

MR. MCNEAL said the report was one of the best he had seen. Diplomas were awarded to the members who have passed the examination in biochemical analysis (see *C. & D.*, April 30, p. 499).

#### CORRESPONDENCE

The Clerk to the Privy Council wrote approving of the list of special examiners submitted at the last meeting of the Council.

#### PETRIE BURSARY

In accordance with Dr. J. F. Tocher's recommendation, the Petrie Trust Bursary was awarded to Robert Shearer, and the Council's thanks were expressed to the Aberdeen Pharmaceutical Association for arranging and to Dr. Tocher for conducting the examination. There was only one entry for the examination, but Dr. Tocher stated in his report that the candidate did very well, making 80 per cent. of the possible marks.

#### EDUCATION COMMITTEE

The report of the Education Committee of May 3 was presented by the chairman, Mr. P. F. Rowsell. Among other matters the report showed that three applications for approval of conditions for practical courses of study in institutions had been considered, two of which were not granted and one granted in respect of the student on whose behalf the application was made; and that seven applications for concessions in respect of the examination regulations had been granted. The report also showed that it had been decided to hold a meeting of the representative body of teachers in schools of pharmacy on Monday, July 11.

MR. ROWSELL called special attention to the summer school which is being arranged at Brighton from August 1 to August 12, and said he felt that the venture provided an example. He also pointed out that as there would have to be a limit on the number of applications accepted and as they were being made in considerable numbers it was advisable for those who wished to attend the school to apply as soon as possible.

## BENEVOLENT FUND COMMITTEE

The report of this committee showed that twelve applications had been received, and grants made or now recommended ranged from £2 to £26. A grant of £304 from the Orphan Fund was also approved.

MR. ANTCLIFFE mentioned that among the special contributions was one of £50 from West Ham Association, who had also sent £25 to the Orphan Fund.

The report of the War Auxiliary Benevolent Fund showed that two applications had been considered and grants of £26 made in each case.

## FINANCE COMMITTEE

The financial statement showed that receipts since the last meeting, including a balance of £41 9s. 1d., amounted to £8,331 17s. 1d., comprising the following items:—

Members' fees, £1,662 13s. 6d.; premises fees, £553 7s.; subscriptions, £18 18s.; examinations, £8 8s.; registration fees—as apprentice or student, £69 6s.; registration fees—as chemist and druggist, £26 5s.; restoration fees, £4 14s. 6d.; law—penalties and expenses, £17 17s. 6d.; corrections to premises register, £19 19s.; interest on deposit, £99 6s. 8d.; "Pharmaceutical Journal," £1,368 11s. 2d.; pharmaceutical press, £188 8s. 4d.; rentals, £218 2s. 6d.; F.S.S.U.—contributions, £31 1s. 1d.; F.S.S.U.—transfers from S.S.S.S., £190 18s. 9d.; S.S.S.S.—refund, £11 10s. 2d.; sundries, £1; loan from premises fund, £600; transferred from deposit account, £3,200. Payments ordered at the last meeting amounted to £8,316 os. 4d., leaving a balance of £15 16s. 9d. The amount on deposit account was £50,500. Other balances were: Benevolent Fund (current account), £38 6s. 1d.; on deposit account,

£1,550; Benevolent Fund (donation account), £16 9s. 5d.; deposit account, £535; War Auxiliary Benevolent Fund (adverse balance), £31 8s. 7d.; deposit account, Nil; Hills Orphan Fund, £10 7s. 8d.; deposit account, £290; Orphan Fund, £36 15s. 2d.; deposit account, £400. The action of the secretary in making payments amounting to £1,746 9s. was approved, and his action in making payments of £311 10s. 42d. for the pharmaceutical Trust were approved. The treasurer was authorised to pay accounts amounting to £10,105 16s. 1d., and the trustees of the Pharmaceutical Trust were requested to pay accounts amounting to £1,199 os. 1d.

## ESTABLISHMENT COMMITTEE

The minutes of this Committee, dealing with tenders for the new building were submitted by the chairman, Mr. A. R. Melhuish. On his proposal it was agreed to invite tenders from the firms mentioned in the minutes, being firms any of which in the opinion of the architect were competent to undertake the work. It was agreed that tenders should be invited on the basis that the Council did not bind itself to accept the lowest or any tender.

## LAW COMMITTEE

The report of the meeting on May 3 was presented by the chairman, Mr. J. Jack. It showed that in England, Scotland and Wales 1,184 chemists' shops, thirty-seven listed sellers and forty-three drug stores proprietors, grocers and similar traders had been visited by the Society's inspectors during the past month. It also showed that 336 drug stores and other premises had been visited by the Society's agents during the past month. The report was adopted.

This was all the public business.

# National Pharmaceutical Union

## Executive Meetings

MEETINGS of the Executives of the National Pharmaceutical Union and Chemists' Defence Association were held at 4 and 5 Queen Square, London, W.C.1, on April 26, Mr. S. J. Stearn in the chair.



MR. S. J. STEARN

## ELECTION OF OFFICERS

Mr. S. J. Stearn was elected by ballot *Chairman of the Executive*. [Mr. Stearn was also chairman of the N.P.U. Executive in 1935-36.] After taking the chair, Mr. Stearn presented to Mr. W. W. Atkinson (retiring chairman) the ex-chairman's badge, and upon behalf of the Executive thanked Mr. Atkinson for the efficient and courteous manner in which he had conducted the meetings during the past year. Mr. Pugh Davies was appointed *Vice-Chairman*, and Mr. A. R. Melhuish was re-appointed *Treasurer*.

## CHEMISTS' FRIENDS LIST

Applications were accepted for inclusion in the list from:—Southall Bros. & Barclay, Ltd., Birmingham; Harkness Beaumont & Co., Ltd., Edinburgh; Cambrian Holy Well Products; Smith & Co., Borough, London, S.E.1.

## CONDITIONS OF EMPLOYMENT

The Executive considered a memorandum which had been agreed upon by representatives of distributive trade organisations, and was submitted to the Executive for their views by the National Chamber of Trade. The Executive agreed that the memorandum should be submitted to the Home Office by the National Chamber of Trade on behalf of the N.P.U. as a body affiliated to the National Chamber of Trade, but decided to negotiate direct with the Home Office if any subsequent developments rendered it desirable that the special position of pharmacy should be emphasised in any way.

A letter was received from the Ministry of Health acknowledging the Union's decision not to give notice to terminate the contract in June next, and stating that in the circumstances the Minister agreed that six months' notice might be given by either side to terminate the agreement at the end of the year 1939. The secretary reported that the claim for a grant on account of the deficit in 1937 had been sent to the Ministry, but, up to the present, no reply had been received.

## C.D.A. Matters

The secretary reported that forty-two cases were outstanding since the last meeting of the directors, of which ten might be considered closed, and seven had been settled as follows:—Transposed labels; payment of £7 17s. 6d. medical expenses. Sleeping tablets supplied; payment of £500 and costs. Injuries and clothing damaged by fall over cellar trap door; payment of £25. Fire caused by cycling errand-boy; payment of £2 10s. Damage and injuries caused by cycling errand-boy (two cases); payments of 7s. 6d. and £8 8s. Coat torn on slot machine; payment of £2 os. 6d. Coat burned on gas jet; payment of £1 10s. The remaining cases were still the subject of negotiations. Twelve new cases had arisen during the month, and the following settlements had been effected:—Transposed labels; payment of £57 7s. Injuries caused by cycling errand-boy; payment of £8. The remaining cases were left in the hands of the secretary. The directors received a report upon the legal advice which had been given to members, and the thirteen analyses which had been undertaken under the free analysis benefit. The secretary reported that a member had been defended in respect of summonses under the Food and Drugs Act for selling borax containing excess of arsenic, 170 parts per million. The summons had been dismissed on payment of £3 3s. costs. Another member had been summoned for selling lime water 40 per cent. deficient in calcium hydroxide. The summons had been dismissed under the Probation of Offenders Act on payment of £2 2s. costs. A member had been fined £5 in respect of ten summonses under the Dangerous Drugs Act for failing to enter prescriptions in the D.D.A. register, and another member had been fined 10s. and 3s. costs under the Shops Act (1934) in respect of two summonses for failing to keep a record of hours worked by his errand-boy, and for failing to exhibit a notice.

# Council Candidates

**I**N our issues of April 23 and April 30 we published statements, with portraits and brief biographies, of five of the twelve candidates contesting the seven vacancies on the Council of the Pharmaceutical Society. We now continue with a further selection.

## Mr. F. E. S. Clarke

Mr. Clarke passed the Qualifying examination in 1907. He carries on a successful business in Newport, Mon., and has for a considerable period been active in pharmaceutical affairs. Early in 1931, when the Pharmacy and Poisons Bill was in an early stage of its passage through Parliament, Mr. Clarke took a leading part in organising a meeting of chemists in opposition to it, and made more than one contribution on the same lines to our columns. Nearly three years later, when the Bill had become an Act, he wrote a trenchant article (*C. & D.*, 1933, II, 583) entitled "Do Local Associations Care?" In response to our request Mr. Clarke writes:—

My policy, briefly stated, is as follows:—To secure by legislation the principle, at present only recognised in a Government contract, of the

separation of the supply of medicines from that of medical practice, and which will alone provide for the practice of pharmacy a recognised status, a legal definition of what the business of a pharmacist is, and an adequate and stable remuneration and livelihood for the retail pharmacist. I hold an unalterable conviction that nothing much else matters until this object has been achieved. Any extension of the N.H.I. dispensing still leaves this principle of the reservation of dispensing unsecured. Our claim can have no meaning of monopoly and we should brook no further delay in pegging out and presenting our case to both Parliament and the public.

Second only in importance of policy is the financial future of the Society. Obviously this will need close and constant control in order to avoid any increase of fees allowed for, under the Poisons and Pharmacy Acts, falling upon the pharmacist in business, whilst the practice of retail pharmacy remains so unprotected. Expenditure will therefore have to be scrupulously adjusted to expectant revenue.

We want closer and more frequent collaboration between the Branches, a more corporate spirit of unity among the members, and a better informed opinion which will have a more constructive influence upon the work of the Council. Federation of Branches is essential for providing an effective channel for publicity and propaganda for the varied interests of our business.

I hold it to be essential to have upon the Council, which is the governing body in pharmacy, a stable representation of certain sections of pharmacy besides that of the retail, particularly the institutional and manufacturing sections, providing always that the major representation is that of the retail pharmacist.

I want to submit that this matter can hardly be accepted as a policy to be pursued so long as the supply of drugs and medicines by unqualified dealers continues unrestricted. The educational policy of the Society may to some extent control the entrants to pharmacy, and it should be possible in time to control the opening of pharmacies by some voluntary co-operative trade organisation. The Chemists' Friends scheme may be a casting shadow, but we should avoid Government interference.

My candidature is as an independent, free from any group influence or outside interests, and my policy would always be directed from the viewpoint of the individual retail pharmacist and the betterment of pharmacy.

MR. F. E. S. CLARKE



## Mr. L. Moreton Parry

Mr. Parry has a wide experience of British pharmacy and also Continental experience. He qualified in 1894 and commenced business in Liverpool in 1902. He became a member of the Pharmaceutical Society's Council in 1913, and, except for a very short period, has been a member continuously since that time, having held offices of president (for one year) and vice-president (for two years). Mr. Parry is also honorary member of the Pharmaceutical Society of Northern Ireland, a past-president and past-secretary of the Liverpool Chemists' Association, and secretary of the Liverpool Pharmaceutical Committee.

Mr. Parry writes:—Questions of general policy are discussed in the joint address of the retiring members of Council which I fully endorse. In addition, I am out for the betterment and development of pharmacy for the benefit of all those engaged in it; at the same time ensuring that the public interest is also advantaged as a consequence. Pharmacy is now a vital and necessary part of the social organism and is a branch of national service which by virtue of service and proved efficiency, combined with convenience and courtesy, has become indispensable. I believe the service is worthy of adequate remuneration and that this factor has never been properly recognised either by the Government or the public, and in my opinion the time has come to strenuously demand recognition regardless of indifference or opposition. I purpose, if re-elected, to continue pressing the Council—within its limitations—to pursue an aggressive militant policy with regard to the "business" interests of all its members whether employer or employee, and in particular to secure or assist in securing better payment for N.H.I. dispensing and the public services. I shall endeavour to abolish any jealousy, secrecy or misunderstanding, and to serve the electors faithfully and fearlessly to the best of my ability.

MR. L. MORETON PARRY



## Mr. Philip Foale Rowsell, C.B.E.

Mr. Rowsell qualified in 1886, and after a few years as manager of the business of Holman, Ham & Co., Exeter, became sole proprietor. In 1911 the business was converted into a private limited company. Mr. Rowsell is treasurer and a past president of the National Association of Insurance Committees and has been three times mayor of Exeter. In recognition of his public services he was awarded the C.B.E. in the birthday honours in January 1938. In reply to our invitation, Mr. Rowsell outlines his views on current pharmaceutical affairs as follows:—

The Pharmacy and Poisons Act of 1933 came in for a good deal of criticism as was only to be expected of a measure which in some respects was revolutionary. I am convinced, however, that as its effects are seen more clearly we shall realise that pharmacy has gained by the new Act. It is one of the purposes of the Committee of Inquiry which

MR. P. F. ROWSELL



the Council wisely set up, as a result of a debate at the last Conference, to deal with the problems which the Act brings to light, and I am very hopeful that the report of that Committee on these and other problems with which pharmacy is faced will show the way to an all-round improvement in conditions affecting pharmacists. The question of National Health Insurance is becoming of greater and greater moment to our members; the incoming of persons between the ages of fourteen and sixteen years and the promise that in due course the dependents of insured persons will be eligible for the benefits of the Act, emphasise the need to ensure adequate remuneration for panel chemists. I strongly support the efforts the N.P.U. is making to secure better terms. With regard to the education policy of the Council I feel we are on sound lines. The higher standard demanded for the Preliminary examination is bound to have a beneficial reaction on our calling, and recent figures show that the number of entrants into pharmacy will be equal to general requirements. On the important matter of the administration of the Society's funds, I wish to reaffirm emphatically the policy of economy which I have advocated in the past. My experience as chairman of the Finance Committee of the Devon County Council and work on other bodies responsible for the expenditure of public funds convinces me of the absolute need for close scrutiny of all schemes proposed.

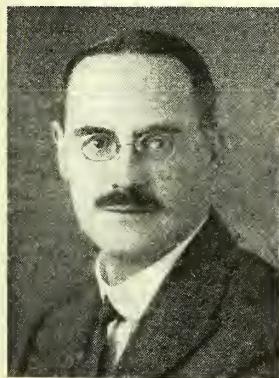
#### Mr. Frederick George Wells

Mr. Wells, who is president of the West Middlesex Chemists' Association, was born at Maidstone in 1888 and entered pharmacy there as an apprentice to his father in 1905. After qualifying in 1911 he obtained a varied experience in business before starting on his own account at Battersea, London, S.W., in 1919. Later he purchased a business in Streatham, S.W., and more recently has acquired a business at Greenford Avenue, Hanwell, W.7. Mr. Wells has thus had over thirty years in active retail business, the majority of which have been as a proprietor. While connected with the S.W. London Association, Mr. Wells occupied every office including two years as president. Mr. Wells states:—

Three years ago I stressed the necessity of preparing a new Bill for pharmacy, one which would deal chiefly with

matters affecting the livelihood of the chemist in business. Since then matters have progressed considerably, and I am hopeful that from the deliberations of the Committee of Inquiry now sitting something definite and tangible will result. I am optimistic enough to believe that the time is not far distant when the dispensing of medicines and the sale of drugs and medicinal preparations will be solely in the hands of those persons who are qualified by training and knowledge to handle them.

I also think that the time is not far distant when the constitution of the Council and the position of the employee pharmacist in relation to it will have to be considered. There are about 10,000, or nearly half of the membership of the Society, who come in this category, and yet they have no direct representation on the governing body. Any movement to obtain that representation will have my support. The question of the new building is still before us, and we await the final plans. I can only repeat the promise I made three years ago, and that is to oppose any unnecessary expenditure, and this applies not only to the building but also to the general finances and funds of the Society, which must be conserved in the interests of its members. As one engaged in retail business, I have appreciated the value of the C.F. scheme and given it my full support. With reference to National Health Insurance matters, I am of opinion that the negotiation of terms should be left in the very capable hands of the National Pharmaceutical Union. At the same time, the Council should, whenever possible, support them in their efforts to obtain better terms and the abolition of the discounting clause which I think unfair and unjust.



MR. F. G. WELLS

## Speeches at Manchester

**S**IX candidates in the Council election addressed a meeting arranged by the Manchester Pharmaceutical Association on April 28, the president (Mr. J. W. Wood) in the chair.

MR. J. H. FRANKLIN mentioned the official positions he had held in Manchester and national organisations. He stood for reservation of dispensing to pharmacists and would support restriction of the sale of all medicines to pharmacists and the N.P.U.'s efforts to secure increased remuneration for N.H.I. dispensing. He would strive for the preservation of the private pharmacist, whom he considered to be the bulwark of pharmacy. Freedom from jury service should be secured. The time was opportune, for they could rely upon some sympathy in Government departments.

MR. F. E. S. CLARKE said reservation of dispensing to pharmacists was the most important question in pharmacy to-day. It was most essential that this should be secured by legislation. He held it was not a monopoly but a public service. He advocated alteration of the constitution of the Council and would support any proposal to secure proportional representation of retail, institutional and manufacturing sections. There must be no increase in fees to the practising pharmacist so long as his business was unprotected. He supported federation of branches.

MR. F. C. WILSON said he would oppose any increase in the retention or registration fees. There would be advantages if the Preliminary Scientific examination were superseded by the Inter-Science examination of any university. This would encourage universities to interest themselves in pharmacy and enable the Society to concentrate upon the purely pharmaceutical subjects which were its most intimate concern. He believed in reservation of dispensing and the sale of drugs to pharmacists. Some method of distribution of pharmacies should be brought into operation.

MR. J. C. YOUNG thought every section of the craft should be represented on the Council, including employees. He had not much confidence in getting relief through Parliament, and pharmacists must depend upon themselves. Their greatest hope lay in the success of the C.F. movement. If there was to be discounting in N.H.I. dispensing it should fall on the doctors.

MR. H. HODGSON declared that capitalistic pharmacy had made large inroads into pharmacy and bureaucratic control had seriously affected the individual pharmacist. He was out for the reservation of dispensing and the sale of medicines to the pharmacists, and an improved rate of remuneration for N.H.I. dispensing. They would not raise the status of pharmacy unless they formed a united front of every organisation in pharmacy. Direct representation in Parliament was long overdue. He favoured an organisation of employees within the craft to stabilise salaries and conditions of employment.

MR. L. MORETON PARRY thought there need be no anxiety about the Society's finances, and saw no reason why the old federations should not be revived. Limitation of pharmacies was improbable, but limitation of apprentices was practical; the Council must pay attention to the training of apprentices. Manufacturing laboratories and institutions were already inspected, and retail pharmacies would have to be similarly subject. Pharmacists with insufficient equipment should not be allowed to have apprentices. Parliamentary representation was essential; they must find a good candidate and concentrate on him.

A vote of thanks to the candidates was proposed by Mr. J. Grier.

**MUSTARD GAS BLISTERS.**—With reference to the note published in last week's issue (p. 511) on unbroken blisters, such casualties should receive medical treatment. Bleach ointment is used as a first aid antidote only if it can be applied immediately following liquid contamination of the skin.

**DENTAL BOARD.**—The Minutes of the Dental Board of the United Kingdom and of the Committees of the Board for the year 1937 have recently been issued. The names of the chairman, members and officers of the Board are given, and ten appendices are included giving reports of the different committees of the Board. A general index to the Minutes of the Board, 1921-1937 (Vols. I to XVI), has also been published.

# Medical Abstracts

## Removal of a Vaccination Scar

**T**HE successful treatment with ultra-violet rays of a scar on the chin, resulting from accidental vaccination, is described by Fisher in the "Journal of the American Medical Association," February 26, 1938, p. 642. The patient who received this treatment was a child of four years, who had been vaccinated on the arm at a board of health clinic. Five days later a vesicle of about 2.5 cm. in size was noticed on the child's chin, appearing at the same time as that on the site of vaccination. Both the vesicles took the same course and resulted in depressed, pitted and violaceous scars, of approximately the same size. A poor prognosis for disappearance of the scar on the chin was given by several specialists, but as blistering exposures of ultra-violet light had been successful in removing scars from acne and chicken-pox, it was decided to test this form of treatment on the present case. Six weeks after vaccination of the child the chin scar was treated with a blistering dose of ultra-violet light from a mercury quartz lamp, while the rest of the body was protected. Three exposures were given at intervals of two weeks, and the results are reported as most gratifying. In seven months, the treated scar was imperceptible, although on close examination a faint depigmented area was discernible over the position of the original scar. The treatment, according to one authority, depends upon "a local hyperæmia which seems to fill in the depressed area and works in combination with the epidermal exfoliation, which peels off the scars."

## Dangers of Sodium Perborate

Although medical men have been ignorant of the dangers of the abuse of sodium perborate, dentists have recognised them for some time. This substance has been a popular ingredient of mouthwashes and dentifrices in recent years, probably due to the fact that it has been used for some time in the treatment of Vincent's angina, but at the same time the possibilities of harmful local effects have been overlooked. A questionnaire has been conducted by Hirschfeld and reported in the "Journal of the American Medical Association," February 5, 1938, p. 445, on clinical observation following the use of sodium perborate in the form of toothpastes, mouthwashes or powder. The conditions enumerated as a result of the questionnaire are:—Painful burns of the mucous membranes and gums; burns which produce white discolorations; inflammation of the oral mucosa with a predisposition to easy abrasion or injury and consequent infection; "hairy tongue" which may give rise to irritation of the pharynx and soft palate. Doubt is thrown on the value of sodium perborate used daily in the prevention of Vincent's infection or its recurrence.

## Recovery from Digitalis Poisoning

The effects of  $\frac{1}{50}$  grain of digitalin taken in a single dose by a child of three years and the response to atropine and strychnine treatment are described by Dr. F. M. B. Allen in the "British Medical Journal," April 23, p. 896. The child was admitted to hospital having swallowed digitalin granules, evidence indicating that he had taken 12 granules, each  $\frac{1}{600}$  grain, on the previous day. On admission to hospital there was no enlargement of the heart or murmurs, but irregular systoles were observed, the pulse rate being 84. There was also some incontinence of urine. Strychnine hydrochloride was given in a dose of  $\frac{1}{4}$  grain and records were made of the pulse rate every hour. These showed that the rate of 100 was maintained until midnight, then a gradual fall occurred until at 9 a.m. the following morning it had fallen to 52. Subsequent doses of strychnine were given, and later  $\frac{1}{600}$  grain of atropine sulphate was given in addition, which raised the rate to 98. This combined treatment was continued during the third day, and at midnight, following a further fall in pulse rate to 54, caffeine sodium benzoate was given, but with little response, so that the strychnine and atropine administration was resumed successfully. After this, the pulse rate did not give any further cause for alarm, and during the next few days registered 66 to 70, after which treatment was discontinued. The after-history is that the boy has remained without any ill effects.

## Insulin Shock Therapy

An improved technique in the insulin shock treatment of schizophrenia is described by Hunt and Feldman ("Journal of the American Medical Association," 109, 14, 1119). During observations on patients it was found that some of them remained in a state of coma for varying periods after the administration of sucrose solution by stomach tube. In some instances an hour elapsed before intravenous injection of dextrose was resorted to in order to effect prompt restoration of consciousness. The amount of sucrose given varied according to the dose of insulin used—an average being 1 gm. of sugar per unit of insulin. As the volume of solution was kept constant, large doses of sugar necessitated concentrations as high as 80 per cent. Repeated failure in response to administration by tube was attributed to the lack of absorption of this unphysiological concentration. It was found that dilution of the solution with a similar volume of warm water before administration resulted in a striking and much more rapid recovery from coma.

## Heparin in Thrombosis

Clinical experiments with heparin which suggest the possibility of treating serious conditions of thrombosis—clot formation in a blood vessel—successfully, are described in the "Lancet," March 19, pp. 664-667, by different workers. The substance used in these trials is heparin, an anticoagulant present in the body, which has recently become available in pure form. Heparin is believed to be a mucitin polysulphuric ester, and it has been used in the past for routine haematological examinations, measurement of sedimentation rate of the blood, and determination of blood sugar, calcium, uric acid and other substances. It has also been employed as an anticoagulant in blood transfusions and in the treatment of intravascular thrombosis. In the present investigations a case of thrombosis of the central vein of the retina is reported to have been favourably treated with injections of a 5 per cent. solution of heparin—the gradual return of vision in the affected eye being the result. In another report a case of thrombosis of a cerebellar artery which was treated with heparin also made satisfactory recovery. Further evidence of the efficacy of heparin in the treatment of established thrombosis, however, is necessary before an assessment of its therapeutic possibilities can be made.

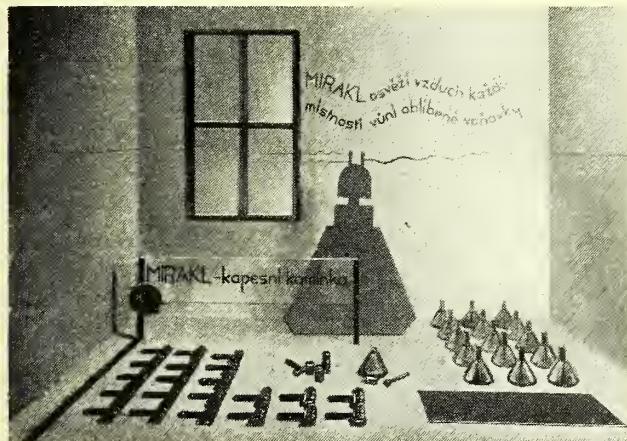
## Prophylactic Use of Sulphanilamide

Following the success of the use of sulphanilamide in treating cases of puerperal sepsis, clinicians have turned their interest to the effects of the substance when given prophylactically. During the past twelve months a preliminary investigation has been made with this object in view, and a report in the "British Medical Journal," March 12, p. 562, discloses that a large number of maternity cases have been treated with two compounds (p-aminobenzenesulphonamide and p-benzylaminobenzenesulphonamide), one group receiving the first substance and another group the second. Each patient received an oral dose of the substance three times a day for the first four days following delivery, then a reduced dose for the next three days. Where there was a probability of infection of the uterus the doses were supplemented by injections. The present investigations are summarised as follows:—Out of a total number of 322 patients who were treated prophylactically, there were twenty cases of morbid puerperia, one of which developed puerperal sepsis. These results are compared with a group of 383 patients who did not receive any prophylactic treatment. Of these only fifteen exhibited signs of morbid puerperia, one of which developed puerperal septicaemia. Thus from these investigations the result of the treatment appears to be negative.

**WOMEN IN PHARMACY.**—The January issue of "Women in Council" (The Magazine of the National Council of Women) contains an account of the National Association of Women Pharmacists. The article refers to the foundation of the Association by Mrs. Clarke-Kerr (the first woman to qualify as a pharmacist) and friends, explains its objects, and describes its various activities.

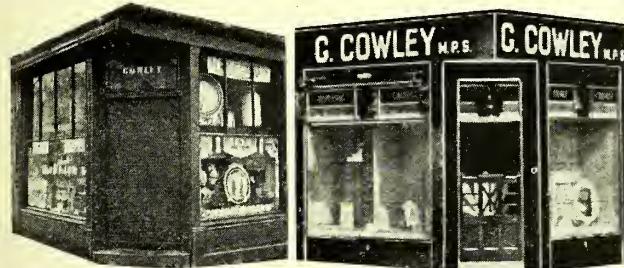
# Shopfitting and Display Notes

**A CONTINENTAL DISPLAY METHOD.**—A characteristic of many Continental displays is the arrangement of goods in the form of a design which, by repetition, tends to arouse comment. Thus, by breaking away from stereotyped presentation, the display man imparts a lively interest to the display of even



prosaic merchandise. The accompanying illustration is an example of this method. The display links up the product with a suggestion of fresh, clean air, given by the window. A cut-out of the container in shadow is used on the background, and a glass sign carrying appropriate lettering is introduced instead of a showcard. The display was designed by Mr. Josef Henrych, Prague.

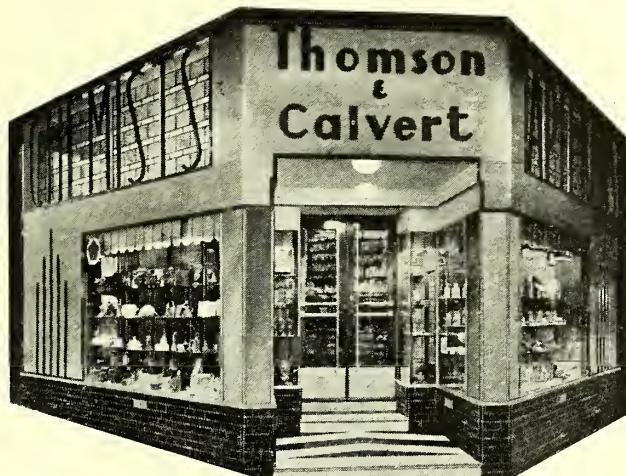
**TRANSFORMATION.**—Recently the premises of Miss Grace Cowley, M.P.S., 32 Cromwell Street, Nottingham, have been modernised by the shopfitting department of Evans Sons Lescher & Webb, Ltd. The new shopfront is in black opaque glass, with bronze metal-work. The lettering is acid-embossed into the glass and filled with cream enamel. Window enclosures are lined with oak veneer on the display side and with mahogany veneer on the shop-interior side, to match exist-



ing fittings. A notable feature is the breaking of the transom to reveal the carboys. The doorway is set back a few feet to provide a small lobby with display windows on either side, and the windows are equipped with movable rods carrying adjustable shelves. The revolving shutter in the doorway of the old shopfront was one of the earliest to be installed, and was put in eighty years ago by a friend of the then proprietor, Mr. H. W. Cowley (father of the present owner), and it remained in that position until the old shop-front was taken out and replaced by the one shown in the second illustration.

**ALUMINIUM SHOP-FRONT, SOUTH AFRICA.**—A shop-front carried out in a polished aluminium alloy for Thomson & Calvert, Johannesburg, South Africa, is shown in next column. After polishing, the metal was given a matt finish. Aluminium is being used increasingly for shopfitting purposes. One alloy, which contains small quantities of magnesium, has higher resistance to corrosion by salt-laden atmosphere than the pure metal. Processes for dyeing aluminium in various colours have also increased its decorative possibilities. The

process, known as anodisation, consists of oxidising the surface of the metal by immersion in an electrolytic bath, which causes sufficient thickening of the natural oxide to provide a protective coating for the relatively soft metal. Two methods of anodisation are employed. One, through the medium of a



chromic-acid bath, produces a film of milky-white density. Another, generally used for shopfitting work, employs sulphuric acid and results in a transparent film which leaves the natural metallic sheen of the metal almost unchanged. Aluminium—anodised or otherwise—can be given various finishes, such as sand-blasted, scratch-brushed, matt or polished.

**OPAQUE GLASS SHOP-FRONTS.**—The advantages of good-quality opaque glass on shop-fronts (cleanliness, durability and economy in upkeep expenses) are well exemplified in the premises of Harrison, Parkinson & Co., Sunbridge Road, Bradford, Yorks, where a shop-front, completed three years ago by Wm.



Mason & Son, Ltd., Leeds, presents the same appearance of newness to-day as it had immediately after completion. Ivory-tinted Vitrolite is used for the facia and pilasters, the former being relieved by a horizontal band of black opaque glass bearing the name in green enamelled zinc letters of three-inch projection. Above this band a carboy design has been sandblasted into the ivory glass and filled with red iridescent glass. The portion below the letters is of hardwood enamelled green. Black opaque "armour-plate" glass is used for the stall-risers. The risers are fitted with ventilator grilles. All the metal work is of stainless steel.

# Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

## 28 Essex Street, W.C.2, May 5

THE markets have this week received a little more attention from buyers, but business continues rather patchy and mostly for limited quantities. The past month, as a whole, was the poorest this year, but the outlook is now better. Quotations in speculative markets continue at depressed levels, and the demand for these commodities is still disappointing. In the ordinary products the steadiness of quotations is quite a feature. Business in the PHARMACEUTICAL CHEMICALS market continues on moderate lines, with most quoted prices steady, with a few weak features. GLYCERIN, B.P., is steady for home trade at the reduction notified last week. The advance in BISMUTH SALTS, due to an increase in the price of the metal, affected both home trade and export prices except in the case of Carbonate, where the advance, for the time being, only refers to export business; the home trade price remaining unchanged.

### Crude Drugs

General trade is moving a little better this week, while the speculative commodities show no sign of revival, either in value or demand. Business in AGAR is slow on spot, while shipment quotations are steady. Curaçao ALOES continue firm on spot, with nothing available for shipment. ANTIMONY is quoted easier on the week. New crop Canada BALSAM is now being quoted, the price asked being much below the former values for old crop. There is a fair selection of new crop BUCHU available here. Some interest is being shown in speculative offers of new crop CASCARA SAGRADA, but so far very little, if any, business has been put through. Norwegian fishing is now practically over, and the crop of Cod-LIVER OIL for the season is well up to average. The better shipment prices for ERGOR are being maintained. Japanese MENTHOL has had another quiet week, but there is no sign of weakness, particularly in the shipment market. RHUBARB is selling quietly on spot at full prices. RUBBER shows a further slight loss on the week. BEES' WAXES have had a quiet week. The fatty and chalky descriptions of CARNAUBA WAX are quoted dearer and reported to be in limited supply.

### Essential Oils

Business in these products is patchy and rather less than average. While prices show no marked change, there is a tendency in some directions to cut the market; the range in prices for these articles, mostly based on quality, is rather more marked than usual. ANISE (STAR) is quoted cheaper for shipment, and the spot market is irregular on a lower level. Java CITRONELLA is a depressed market. Australian EUCALYPTUS is again marked down, spot and forward, with business negligible. Ho (SHIU) is firm at the advance for "extra" quality oil. The tone in the shipment market for new crop hand-pressed Sicilian LEMON is now very steady; spot business is reported to have been better. The shipment market for LEMONGRASS is easier and continues neglected. Business in French Guinea ORANGE has been unusually quiet, and competition is noted, particularly in re-packed oil. The source reports practically no stocks of PALMAROSA to offer; spot quotations are steady. A full report on new crop prospects for NEROLI is published this week. Japanese PEPPERMINT remains rather quiet, with the shipment market steady. PETITGRAN is steadier forward. Shipment prices for WORMSEED are fully steady.

### Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:

Centre	Quoted	Par	April 28	May 5
Amsterdam ...	Fls. to £	12·107	8·96	8·96½
Berlin ...	Mks. to £	20·43	12·38	12·40
Brussels ...	Belgas to £	nominal	20·58	20·62
Copenhagen ...	Kr. to £	18·159	22·40	22·40
Lisbon ...	Esc. to £	110	110½	110½
Madrid ...	Pts. to £	25·24½	nominal	nominal
Milan ...	Lire to £	92·46	94½	94½
Montreal ...	Dols. to £	4·86½	5·01	5·01½
New York ...	Dols. to £	nominal	4·98½	4·99½
Oslo ...	Kr. to £	18·159	19·90	19·90
Paris ...	Fr. to £	124·21	160·161	165·170
Prague ...	Kr. to £	164·25	143	143½
Stockholm ...	Kr. to £	18·150	19·40	19·40
Warsaw ...	Zloty to £	43·38	26½	26½
Zurich ...	Fr. to £	25·2115	21·69	21·72

Bank rate 2 per cent.

### Pharmaceutical Chemicals, etc.

QUOTED prices for most products are keeping about steady, with business moving quietly. Bismuth salts continue at the advances recorded last week, and there is no further reduction in GLYCERIN, B.P.

ASPIRIN (TABLETS).—The following are agreed wholesale prices for the British makers: Under 5,000, 3s. per 1,000; 5,000, 2s. 11d.; 10,000, 2s. 10d.; 25,000, 2s. 9d.; 50,000, 2s. 8d.; 75,000, 2s. 7d.; 100,000, 2s. 6d.; 250,000, 2s. 5d.; 500,000, 2s. 4d.; 1,000,000, 2s. 3d.; 2,000,000 and over, 2s. 2d. per thousand tablets. A rebate of 1d. per 1,000 is allowed on orders for 10 million tablets taken over a period of 12 months. For small quantities higher prices would be asked by wholesale distributors.

BISMUTH SALTS.—Makers' home trade and export scales of prices for these salts continue steady at the adjustments recorded last week:

	Net Monthly Account			Net 14 days	
	Under 4 lb.	4 lb. and under 8 lb.	8 lb. and under 28 lb.	28 lb. and under 1 cwt.	Not less than 1 cwt.*
Carbonate ...	s. d. 8 6	s. d. 8 0	s. d. 7 3	s. d. 6 9	s. d. 6 6
(Home Trade only)					
Citrate ...	11 10	11 4	10 7	10 1	9 10
Nitrate Cryst. ...	6 8	6 2	5 5	4 11	4 8
Oxide ...	12 11	12 5	11 8	11 2	10 11
Salicylate ...	10 0	9 6	8 9	8 3	8 0
Subchloride ...	12 8	12 2	11 5	10 11	10 8
Subgallate ...	9 8	9 2	8 5	7 11	7 8
Subnitrate ...	7 10	7 4	6 7	6 1	5 10

\* Contracts are booked for 1 cwt. and upwards for delivery over three months and are subject to a rise and fall clause. A rebate of 3d. per lb. is allowed on sales of not less than 2 cwt. (assorted if required) provided delivery is completed within three months. All deliveries ex contract are sold on net cash 14 days' terms.

CITRIC ACID (B.P. CRYSTALS).—Makers' quotations are unchanged: British material quoted at 1s. 0d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

CREAM OF TARTAR.—Market continues steady: British material, 99 to 100 per cent., 92s. per cwt., less 2½ per cent. discount. Dealers' prices for foreign material competitive.

EPHEDRINE.—The demand continues quiet, and makers' prices for good bulk quantities of Hydrochloride, B.P., are not more than 8s. 6d. per oz.; small lots, up to 10s. 6d. Pure, alkaloid, about 13s. to 14s. per oz., as to quantity.

GALLIC ACID.—Market is steady: one cwt., 3s.; 56 lb., 3s. 1d.; small parcels, up to 3s. 6d. per lb.

GLYCERIN (B.P.).—Makers' prices continue steady at the reduction of 10s. per cwt. recorded last week.

Contracts or Spot Lots of	Price per cwt.					
	Under 1 cwt.	1 cwt. and under 2½ cwt.	2½ cwt. and under 5 cwt.	5 cwt. and under 10 cwt.	10 cwt. and under 20 cwt.	1 ton and under 5 tons
Minimum deliveries off contract of	—	1 cwt.	1 cwt.	1 cwt.	2 cwt.	5 cwt.
Tins, 14 lb. each	per cwt.	102/6	98/-	97/-	94/-	93/-
Tins, 28 lb. "	"	99/6	95/6	94/6	91/6	90/6
Tins, 56 lb. "	"	96/6	93/-	92/-	89/-	88/-
Drums, 1 cwt. (charged 20/-)	"	—	88/6	87/6	84/6	83/6
Drums, 2½ cwt. (" 60/-)	"	—	—	85/6	82/6	81/6
Drums, 5 cwt. (" 75/-)	"	—	—	—	82/-	81/-
Drums, 10 cwt. (" 100/-)	"	—	—	—	—	80/6
	5 cwt. and under 10 cwt.	—	—	—	—	—
Extra per cwt. for smaller deliveries ex contract than as above specified	2 cwt. and under 5 cwt.	—	—	—	—	6d.
	1 cwt. and under 2 cwt.	—	—	—	—	—
	Under 1 cwt.	1/-	1/-	1/-	1/6	2/-

Refined Pale Straw Industrial Glycerin, 1·260 S.G. 5/- per cwt. less than chemically pure.

LACTIC ACID (B.P.).—Quotations are about unchanged: quantities in carboys, 1s. 4½d. to 1s. 5d.; in winchesters and bottles, 1s. 6d. to 1s. 10d. per lb., as to quantity.

**METHYL SALICYLATE.**—Limited business only; quoted unchanged: spot, ten cwt., 1s. 1 $\frac{1}{2}$ d.; five cwt., 1s. 2d.; one cwt., 1s. 2 $\frac{1}{2}$ d.; less than one cwt., 1s. 3d.; small quantities, in bottles, up to 2s. per lb.

**METHYL SULPHONAL.**—Irregular on quotation: two cwt., 19s. 3 $\frac{1}{2}$ d.; one cwt., 19s. 9 $\frac{1}{2}$ d.; 56 lb., 20s. 2 $\frac{1}{2}$ d.; small parcels, up to 20s. 8d. per lb.

**PHENACEIN.**—Business is mostly in limited quantities: crystals or powder, bulk quantities, 2s. 6d.; smaller parcels, 2s. 7d. to 3s. per lb., as to quantity.

**PHENAZONE.**—Irregular on quotation: crystals, five cwt., 6s. 9 $\frac{1}{2}$ d.; two cwt., 7s.; one cwt., 7s. 3d.; and less, 7s. 6d. per lb., with powder 2 $\frac{1}{2}$ d. per lb. extra.

**PHOTOGRAPHIC CHEMICALS.**—Home makers' prices continue steady. **AMIDOL.**—28 lb., 8s.; 14 lb., 8s. 9d.; 7 lb., 9s. 6d.; in free 7-lb. tins; under 7 lb., 12s. per lb., in free 1-lb. bottles. **CHLORQUINOL.**—1-lb. bottles, 21s. per lb. **GLYCIN.**—7 lb., 10s. 6d.; 1-lb. bottles, 13s. 6d. per lb. **HYDROQUINONE.**—56 lb., 4s. 10 $\frac{1}{2}$ d.; 28 lb., 5s.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; in 1-lb. bottles, 6s. 6d. per lb. **MEIOL.**—28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 6d.; 3 lb., 11s. 6d.; 1-lb. bottles, 12s. 6d. per lb. **ALUM (PHOTOGRAPHIC QUALITY).**—1 cwt., 12s. per cwt.; 28 lb., for 6s. **GOLD CHLORIDE.**—15-grain tubes, 45s. per doz. **MAGNESIUM POWDER.**—10s. per lb. **PARAMIDOPHENOL HYDROCHLORIDE.**—8s. 6d. per lb. **POTASSIUM FERRICYANIDE.**—14 lb., 2s. 2d.; 7 lb., 2s. 4d.; 1 lb., 2s. 6d. per lb. **POTASSIUM METABISULPHITE.**—One cwt., 7 $\frac{1}{2}$ d.; 28 lb., 8s.; 14 lb., 9d.; 7 lb., 11d.; 1 lb., 1s. per lb. **PYROGALLIC ACID, CRYST.**—28 lb., 7s. 3d.; 14 lb., 8s.; 7 lb., 8s. 9d.; under 7 lb., 9s. 3d. per lb. **SODIUM (CARBONATE RECRYST.).**—5 cwt., 12s. 6d. per cwt.; 1 cwt., 15s. 6d. per cwt.; 56 lb. for 11s. 6d.; 28 lb. for 6s. **SODIUM HYPOSULPHITE, CUBES, CRYST.**—5 cwt., 17s.; 1 cwt., 19s. 6d. per cwt.; 56 lb. for 11s. 6d.; 28 lb. for 6s. **SODIUM SULPHIDE (PURE).**—7 lb., 1s. 9d.; 1 lb., 2s. per lb., bottles and jars free. **SODIUM SULPHITE, RECRYST.**—One cwt., 21s. 6d. per cwt.; 56 lb. for 13s. 6d.; 28 lb. for 7s.

**QUININE SALTS.**—Convention prices continue unchanged: sulphate, 2s. 2d.; bisulphite, 2s. 2d.; ethyl carbonate, 2s. 9 $\frac{1}{2}$ d.; salicylate, 2s. 10 $\frac{1}{2}$ d.; hydrochloride, 2s. 8 $\frac{1}{2}$ d.; dihydrochloride, 3s.; hydrobromide, 2s. 8 $\frac{1}{2}$ d.; dihydromide, 3s.; valerianate, 3s.; hydrophosphate, 4s.; alkaloid, 3s. 0 $\frac{1}{2}$ d. per oz., carriage paid on bulk quantities; 10e-oz. tins free, smaller packages extra.

**SALICYLIC ACID (B.P.).**—Makers' quoted prices are steady: five cwt., 1s. 7d.; one cwt., 1s. 7 $\frac{1}{2}$ d.; 28 lb., 1s. 10d.; 14 lb., 1s. 11 $\frac{1}{2}$ d.; 7 lb., 2s. 0 $\frac{1}{2}$ d.; 4 lb., 2s. 2 $\frac{1}{2}$ d. per lb.

**SALOL.**—Irregular and competitive; market dull: 2s. 3d. to 2s. 6d. per lb., as to quantity.

**SANTONIN.**—The nominal price continues at £15 per kilo., with spot sellers from about £10 10s. for bulk quantities, with smaller parcels up to £12. Business remains quiet.

**TARTARIC ACID (B.P. CRYSTALS).**—Fair amount of business moving: British makers quote at 1s. 1 $\frac{1}{2}$ d. per lb., less 5 per cent. discount, dealers offering foreign materials at competitive prices.

**THEOBROMINE.**—Prices for Continental, pure, two cwt., 7s. 10d.; one cwt., 8s.; 56 lb., 8s. 2d.; smaller quantities, 8s. 4d. per lb.; sodium salicylate, two cwt., 6s. 3 $\frac{1}{2}$ d.; one cwt., 6s. 4 $\frac{1}{2}$ d.; 56 lb., 6s. 5 $\frac{1}{2}$ d.; smaller quantities, 6s. 6 $\frac{1}{2}$ d. per lb., delivered, 5-lb. tins free; smaller packages extra.

**THYMOL.**—Synthetic, fine white, one cwt., 6s.; 56 lb., 6s. 4d.; 28 lb., 6s. 9d.; less than 28 lb., 7s. 6d. per lb., tins extra; ex ajowan seed, one cwt., 8s. 5d.; 56 lb., 8s. 10 $\frac{1}{2}$ d.; 28 lb., 9s. 5d.; 14 lb., 10s. 6d. per lb.

**VANILLIN.**—Convention prices are unchanged: five cwt., 12s. 5d.; one cwt., 12s. 8d.; 56 lb., 13s.; less than 56 lb., 13s. 2d. per lb. Rather more inquiry reported.

#### Crude Drugs, etc.

**AGAR.**—Business has been quiet, quotations about unchanged: spot, Kobe, No. 1, 3s. to 3s. 1 $\frac{1}{2}$ d.; No. 2, 2s. 10 $\frac{1}{2}$ d. to 3s. Yokohama, No. 1, 2s. 10 $\frac{1}{2}$ d. per lb., shipment; Kobe, No. 1, May-June, 2s. 6 $\frac{1}{2}$ d.; July-August, 2s. 7 $\frac{1}{2}$ d.; No. 2, May-June, 2s. 4 $\frac{1}{2}$ d.; Yokohama, No. 1, 2s. 4 $\frac{1}{2}$ d. per lb., c.i.f.

**ALOES.**—Values are fully steady: Cape, spot, 63s. to 64s.; shipment, about 62s. 6d. per cwt., c.i.f. Curaçao, spot, now quoted from 138s. to 150s. per cwt., as to quality. No shipment offers from the source.

**ANIMONY.**—Market has been quiet and is quoted easier: Chinese, crude, spot, £42 10s.; shipment, May-June, £37 10s., c.i.f. English regulus, £75 to £78 per ton, ex store.

**BALSAMS.**—New crop Canada is now being quoted: *Tolu*, 1s. 8d. to 1s. 9d.; *Canada* shipment, new crop, 4s. 6d. per lb., c.i.f., May-June shipment. *Copuiba*, Para, 1s. 9d.; B.P., nominal; *Peru*, 4s. 6d. per lb., spot.

**BELLADONNA.**—Occasional small spot demand: leaves, 57s. 6d.; root, high test, 6os. per cwt., spot.

**BISMUTH METAL.**—The quotation for the metal continues at the advance notified last week at 4s. 3d. per lb.

**BUCHU.**—A fair selection of new crop leaves now available here, with fair green at 1s. 8d. and stalky at slightly less. Some old crop of fair quality valued at 1s. 6d. to 1s. 6 $\frac{1}{2}$ d. per lb.; shipment, f.a.q., 1s. 5d. per lb., c.i.f.

**CAMPHOR.**—Steady on a rather quiet market: Japanese monopoly BB grade is £8 per 100 lb.; Japanese, natural, spot, tablets, 2s. 6 $\frac{1}{2}$ d.; powder, 2s. 3d.; slabs, 2s. 2 $\frac{1}{2}$ d. per lb., ex store; shipment, tablets, 2s. 3d.; powder, 2s. 1d.; slabs, 2s. 0 $\frac{1}{2}$ d. per lb., c.i.f.; English refined flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.;  $\frac{1}{2}$  oz.,  $\frac{1}{4}$  oz. and  $\frac{1}{8}$  oz., 3s. 6d. per lb.

**CASCARA SAGRADA.**—Not much spot business moving: spot, 1937 peel, 54s. to 54s. 6d.; old peel, 65s. to 70s. per cwt., ex store. Speculative shipment offers of 1938 peel are now at 42s. 6d., c.i.f. Similar offers a year ago were at 60s., c.i.f., and gradually declined. The opening quotations in 1936 peel were at 42s. 6d. per cwt., c.i.f.

**CLOVES.**—Values are fairly steady, market rather quiet: Zanzibar, spot, 8 $\frac{1}{2}$ d.; shipment, May-June, 8d. per lb., c.i.f. Madagascar, in bond, 7d.; shipment, May-June, 6 $\frac{1}{2}$ d. per lb., c.i.f. A report from Zanzibar, dated May 4, states the dispute between the Clove Growers' Association and the Indian commercial interests has been settled.

The landings of Zanzibar in London during the week ended April 30 were nil, and the deliveries 162, leaving a stock of 1,017. From January 1 to date the landings of Zanzibar have been 835 and the deliveries 887. Landings of Madagascar for the week ended April 30 were nil, and the deliveries 12, leaving a stock of 1,483. From January 1 to date the landings of Madagascar have been 725 and the deliveries 1,332 packages.

**COCONUT (DESICCATED).**—Values are slightly easier, business quiet: spot, fine, 17s. 3d.; medium, 16s. 9d. per cwt.; shipment, halves, May-June, 16s. per cwt., c.i.f.

**COD-LIVER OIL.**—Bergen reports Finmarken fishing is now of little importance. Results to May 1: 139,300 tons of cod and 63,127 hectol. of oil, compared with 135,205 tons of cod and 69,744 hectol. of oil on the same date in 1937 and 103,374 tons of cod and 52,986 hectol. of oil in 1936. Shipment market remains quiet: finest Lofoten steam-refined non-freezing medicinal oil, 88s. to 90s. per barrel, c.i.f. London. Small lots, on spot, about 132s. 6d. per barrel, ex store, duty paid. British finest medicinal oil, 115s. per 25-gallon drum, delivered U.K., with rebates for 25 or more drums.

**ERGOT.**—Not much business, and the market is irregular: spot offers range from about 3s. 9d. up to 4s. for Portuguese, while shipment quotations are in the region of 3s. 9d. per lb., c.i.f.

**GENIAN.**—Limited spot demand, with good clean French root from 40s. to 42s. and Continental from 37s. 6d. to 39s. per cwt., ex store, as to quantity.

**GINGER.**—The forward quotation for West African is steadier, with a little more business reported: West African, spot, 27s. 6d.; for arrival, May-June, 24s. per cwt., c.i.f. Jamaican, spot, bold, in barrels, 82s. 6d. to 85s.; small grinding, in bags, 60s. to 62s. 6d. per cwt., c.i.f.

**GUM ACACIA.**—Market is badly neglected: Kordofan, cleaned sorts, spot, 40s.; shipment, about 37s. per cwt., c.i.f.

**HONEY.**—Quotations are maintained on a quiet market: Jamaican, dark manufacturing, 31s. up to 45s. per pale set. Californian, 50s.; duty paid, and Canadian, 52s. 6d. per cwt., ex store.

**HYDRASTIS.**—Root testing, 3 per cent., is steady on spot at 15s. 3d. for small lots; U.S.P. quality, 15s. and untested root, 14s. 9d.; shipment, 14s. 9d. per lb., c.i.f.

**IPECAUANHA.**—Very little business moving: Matto Grosso, B.P., spot, 7s. 6d. and possibly less; shipment, about 6s. 6d. per lb., c.i.f. spot.

**MINOHOL.**—The Japanese product has been quiet but values are keeping steady: K/S brands, 12s. 3d. to 12s. 4 $\frac{1}{2}$ d.; in bond, 11s. c.i.f. Orders sent out to the source at 10s. 9d., c.i.f., for May-June shipment. Chinese, spot, 12s. 1 $\frac{1}{2}$ d. to 12s. 3d.; shipment, 10s. 7 $\frac{1}{2}$ d. per lb., c.i.f.

**MERCURY.**—First-hand quotation continues steady at the recent reduction: spot, £12 10s. to £12 10s. 6d. per bottle, ex store. F.o.b. Continent, 62 dollars.

**OPIUM.**—Fair demand, with values steady: Turkish, original cases of 170 lb., 13 per cent., 1s. 1d. Iranian, 12 per cent., 1s. 1d. per unit, landed and duty paid.

**PEPPER.**—Market has been rather quiet, with values about steady: Lampung, in bond, 2 $\frac{1}{2}$ d.; shipment, May-July, 2 $\frac{7}{8}$ d.; August-October, 2 $\frac{1}{2}$ d. c.i.f. Tellicherry, spot, 4d.; shipment, May-June, 3 $\frac{1}{2}$ s.; c.i.f. Aleppy, spot, 3 $\frac{1}{2}$ d.; shipment, May-June, 3 $\frac{1}{2}$ s., c.i.f. White Muntok, in bond, 3 $\frac{1}{2}$ d.; shipment, May-July, 3 $\frac{1}{2}$ d.; August-October, 3 $\frac{1}{2}$ d., c.i.f. London Terminal Market, Black, May, 2 $\frac{1}{2}$ d.; July, 2 $\frac{1}{2}$ d.; October 2 $\frac{1}{2}$ d. White, May, 3 $\frac{1}{2}$ d.; July, 3 $\frac{1}{2}$ d.; October, 4d. per lb.

**PIMENTO.**—Market is quoted easier: spot, 7 $\frac{1}{2}$ d. per lb.; shipment, May-June, 6 $\frac{1}{2}$ s. per cwt., c.i.f.

**RHUBARE.**—Not much business moving, but spot values are keeping very steady: spot, Shensi, best quality, 4s. 9d. to 5s. 3d.; old very slightly wormy, 3s. 9d. to 4s. 3d.; pickings, about 4s. per lb.; rough round, 2s. 4 $\frac{1}{2}$ d. to 2s. 7d. per lb., as to quality; shipment, ordinary quality, 1s. 1 $\frac{1}{2}$ d. per lb., c.i.f.

**RUBBER.**—Values show a further loss on the week; business moderate: standard ribbed smoked sheet, spot, 5 $\frac{1}{2}$ d.; May, 5 $\frac{1}{2}$ d.; June, 5 $\frac{1}{2}$ d.; July-September, 5 $\frac{1}{2}$ d.; October-December, 5 $\frac{1}{2}$ d.

**SAFFRON.**—Firm conditions continue here, with the small stocks of genuine Valencia quoted at 80s. to 82s. 6d. per lb., ex store. No reliable shipment offers.

**SEEDS.**—**ANISE.**—Spot, duty paid, Spanish, 6os.; Bulgarian, 41s.; Syrian, 4os. **CANARY.**—All prices quoted are spot, duty paid. Mazagan, 17s. 9d.; Turkish, 17s. 3d.; Plate, 16s. 6d.; Spanish, 25s. to 37s. 6d. **CARAWAY.**—Dutch, 32s. 6d., spot, duty paid, 28s. quoted f.o.b. Holland. **CORIANDER.**—Morocco on spot is 20s., duty paid, and 18s. in bond. **CUMIN.**—Spot, Malta, 4os., duty free; Morocco, 37s. 6d., duty paid, and 33s. 6d. in bond. **FENNEL.**—Indian, 27s.; Persian, 25s., spot; **FENUGREEK.**—Morocco, spot, 13s., duty paid. **MUSTARD.**—English, 21s. to 32s. 6d., according to quality.

**SENEGA.**—Market has been rather quiet: spot, 2s. 4d.; shipment, prompt, 2s. 4d.; new crop, July-August, 2s. 3d. per lb., c.i.f.

**Senna.**—Fair amount of inquiry this week, and values for all descriptions are steady: Tinnevelly leaves.—Spot quotations for parcels of fair green colours are as follows: No. 1 at 5½d.; No. 2 at 3½d.; No. 3 at 2½d.; No. 4 at 2d. per lb., ex wharf. Tinnevelly hand-picked pods.—Best pale quality quoted at 6d. per lb., with darker grades available at 3½d. to 4d. per lb. Alexandrian hand-picked pods.—Arrivals of new crop pods still continue on the small side and the market is poorly supplied; quotations are as follows: good bold selected at 5s. 6d.; No. 1 at 4s.; No. 2 at 3s.; No. 3 at 2s. 3d. per lb., with old crop pods offering at 3s. 3d. down to 1s., according to quality.

**SHELLAC.**—Values are easier on the week, market rather quiet: spot, standard TN orange, 39s. to 42s.; fine orange, 57s. 6d. to 110s.; pure button, 55s. to 60s. per cwt. For delivery, TN, August, 40s.; October 41s. For arrival, TN, May-June, 37s. per cwt., c.i.f.

**TRAGACANTH.**—A modest inquiry for medium grades of white gums, ranging in value from £38 to £55 per cwt., ex store.

**TURMERIC.**—Spot market continues steady on a limited supply: Madras finger, spot, 29s.; shipment, new crop, 21s. per cwt., c.i.f.; Rajapore, shipment, 21s. per cwt., c.i.f.

**VALERIAN ROOT.**—Occasional small spot demand, with quotations about 35s. per cwt., ex store.

**WAXES.**—**BEE'S.**—Market has been quiet: Calcutta, bleached, spot, 132s. 6d.; shipment, May-June, 125s., c.i.f.; ordinary quality, spot, 107s.; shipment, May-June, 102s. 6d. per cwt., c.i.f. Benguella, in bond, 100s.; shipment, May-June, 90s., c.i.f. Conakry, spot, 102s. 6d.; shipment, May-June, 90s., c.i.f. Dar-es-Salaam, spot, 107s. 6d.; shipment, May-June, 102s. 6d., c.i.f. **CARNAUBA.**—Quotations for fatty and chalky grades are better: fatty, grey, spot, 150s.; afloat, 142s. 6d.; shipment, May-June, 141s., c.i.f. Chalky, grey, spot, 150s.; afloat, 142s. 6d.; shipment, May-June, 141s., c.i.f. Primeira, spot, good quality, 190s.; afloat, 180s.; shipment, May-June, 167s. 6d., c.i.f. Mediana, spot, 185s.; shipment, 170s. per cwt., c.i.f.

#### Essential and Expressed Oils, etc.

A MODERATE volume of business is reported, with the general tone steady. Anise (Star) is easier. Sicilian lemon is steady for shipment. French Guinea orange remains dull. Japanese peppermint has been quiet but steady.

**ANISE (STAR).**—Shipments prices are again easier, while spot values tend irregular and competitive for a restricted demand: spot, leads, 4s. 3d.; tins, 3s. 10½d.; drums, 3s. 9d. per lb., ex store; shipment, tins, 3s. 13d.; drums, 3s. per lb., c.i.f.

**AVOCADO PEAR.**—Californian oil selling steadily on spot: quoted from 47s. to 54s. per gallon, as to quantity, ex store.

**BERGAMOT.**—A moderate amount of small spot orders reported, while shipment business for this market seems to be quiet. Consortium shipment price is steady at about 14s. 9d. per lb., c.i.f. Spot quotations for new crop good quality oil are at 15s. to 15s. 4½d. per lb., as to quantity.

**CARAWAY.**—Dealers report a small demand on spot: Dutch rectified, 7s. 3d. to 7s. 6d.; crude, 6s. 9d. to 7s. per lb., landed and duty paid, as to quantity.

**CASSIA.**—Prices for good quality oil are keeping steady, with leads at 3s. 4½d. and off-quality oil offering at about 3s. 1d. to 3s. 2d.; shipment, quiet: leads, 3s. 1d.; drums, 2s. 11d. per lb., c.i.f.

**CITRONELLA.**—The Java oil is easier on a flat market. Ceylon oil nominally unchanged: Ceylon, spot, drums, 1s. 5½d. to 1s. 6d.; smaller parcels, up to 1s. 9d.; shipment, drums, 1s. 3d. per lb., c.i.f. Java, spot, drums, 1s. 10½d. to 1s. 11d.; smaller parcels, up to 2s. 3d.; shipment, drums, about 1s. 4½d. per lb., c.i.f.

**CLOVE.**—Spot values for Madagascar oil are about steady, some small demand: Madagascar, spot, 3s. 3d. per lb., for small parcels up to 3s. 9d. per lb.; shipment, about 2s. 5d., c.i.f. English, distilled, 4s. 7½d. to 4s. 10½d. per lb., as to quantity.

**EUCALYPIUS.**—Market remains dull and competitive, with values again rather easier: Australian, 70 to 75 per cent., tins, 1s. 4½d. to 1s. 5d.; drums, 1s. 3½d.; 80 to 85 per cent., drums, 1s. 9d. per lb., landed; higher prices for small lots on spot. Shipment, 70 to 75 per cent., tins, 1s. 2½d. to 1s. 3d.; drums, 1s. 2½d.; 80 to 85 per cent., 1s. 6½d. per lb., c.i.f.

**GERANIUM.**—Conditions in the shipment market are reported to be steadier; spot quotations vary a good deal, but reasonable prices are wanted for genuine oils: Bourbon, spot, 12s. 9d. to 13s.; shipment, 10s. 9d. to 11s. 3d., c.i.f. Algerian, spot, 13s. 7½d. to 14s.; shipment, 13s. to 13s. 3d. per lb., c.i.f.

**GRAPE-FRUIT.**—Market is steady, with a fair amount of small spot business moving: Californian 10s. 6d. to 12s. Florida, 10s. 6d. to 11s. 3d. per lb., as to quantity.

**HO (SHU).**—Most holders of good quality spot oil are quoting at higher prices on account of the firmer shipment market: "improved" quality, in drums, 4s. 1½d.; "extra" quality, 4s. 4½d., in drums; shipment, "extra" quality, 4s. 9d. per lb., c.i.f., in drums.

**LAVENDER.**—Market remains quiet: 38 to 40 per cent. oil ranging from 14s. 6d. to 16s. per lb., as to quality. Lavandin is quoted on spot from 6s. to 8s. per lb., as to quality. The source reports it is too early yet to give a definite report on prospects of new crop oils, but the present position of stunted growth of the plants tends to indicate a crop below average is likely.

**LEMON.**—There is a steadier tone in the shipment market for new crop hand-pressed Sicilian oil, with quotations for standard brands at 10s. 3d. per lb., c.i.f. Dealers report a few nice sized orders for oil on spot have been booked this week: spot quotations range from 10s. to 10s. 9d., as to quantity, and blended oils would be at rather cheaper figures. Californian distilled, regular quality, 6s. 4d. per lb., landed, in small drums.

**LEMONGRASS.**—The shipment market is easier and still practically idle: quoted at about 1s. 5d. per lb., c.i.f.; spot, sellers, from 1s. 8d. to 1s. 10d. per lb., ex store.

**NEROLI.**—We have received the following crop report and estimate from a reliable source. The price to be paid for the flowers has been fixed for this season at 6 francs 75 cents per kilog., against 5 francs 50 cents last season. It is estimated that the stocks on hand of orange flower water amount to about 450 tons and in consequence this product of the distillers this season will have to be sacrificed at a very cheap price. Under these circumstances it is estimated the cost of this year's oil will be not less than 6,000 francs per kilog. It is estimated that the quantity of flowers that will be gathered this season will amount to approximately 1,100,000 kilog., and of this quantity, after allowing for the production of absolutes and concretes, some 700,000 kilog. of flowers will be available, which, on average, should give a crop of oil of about 700 kilog.

**NUTMEG.**—American and Dutch oils are quoted at about 5s. 6d. to 5s. 9d. per lb., as to quantity. Limited spot demand for small quantities.

**OLIVE.**—Quite a fair trade reported to be passing, with prices for all grades keeping steady: 1 per cent., 5s. 8d.; 2 per cent., 5s. 6d. per gallon in 45/50-gallon drums. French, edible quality, 73s. 6d. for cases of 10 one-gallon tins and 77s. 6d. for 20 half-gallon tins; 6s. per gallon in 50-gallon drums.

**ORANGE.**—French Guinea orange has been very quiet this week: shipment would be 2s. 9½d. to 2s. 10d., c.i.f. On spot, drums are at about 3s. 3d. and repacked oil, tins in cases, 3s. 5d. to 3s. 7d. per lb. In bond, about 2s. 10d. per lb. Californian, spot, one case, 4s. 6d.; two or more cases, 4s. 3½d.; large drums, not quoted; small drums, 4s. 2d. per lb., landed.

**PALMAROSA.**—The spot stocks are rather limited, with holders quoting from 8s. to 8s. 3d. per lb. The position in the shipment market is firm, with the source reporting practically no stocks left and nothing likely to be available till the new crop is ready. Quoted nominally at 7s. 4½d. per lb., c.i.f.

**PEPPERMINT.**—Market for Japanese oil has been quiet, but is keeping steady: spot, 4s. 4½d. to 4s. 6d.; near afloat, 4s. 1½d., c.i.f., with buyers of any position at 4s., c.i.f. Shippers quoting up to August at 4s. 3d., c.i.f., and rejecting bids of 4s. American natural oil, in drums, remains quiet, and shipment prices are reported slightly easier at 1 dollar 95 cents to 2 dollars 5 cents per lb., c.i.f., in drums.

**PETITGRAIN.**—Shipment prices continue steadier as reported last week: spot, cases, 4s.; shipment, 3s. 4½d. per lb., c.i.f.

**RAISIN SEED.**—Spot supplies of Californian are quoted from 2s. 4d. to 2s. 6d. per lb., ex store, according to quality.

**ROSEMARY.**—A quiet demand on spot, with holders' prices keeping steady: Spanish oil from 3s. up to 3s. 7½d. per lb., as to quality and quantity. It is still difficult to obtain any shipment offers from the source. This season's oil, produced in Morocco, is offering for prompt shipment at 3s. 2d. per lb., c.i.f.

**SANDALWOOD.**—Genuine East Indian Mysore, in one-case lots, continues steady at 20s. 6d. per lb. Genuine East Indian, produced outside the province of Mysore, 18s. 3d. to 18s. 6d. per lb., c.i.f., in bulk quantities. English-made West Indian, 7s. 3d. per lb. Australian, steady at 15s. 3d. per lb., for 7-lb. tins; one case at 14s. 9d. and five cases at 14s. 6d. per lb.

**SASSAFRAS.**—A limited inquiry only on spot: quoted at 3s. 6d. up to 3s. 10½d. per lb. for the finest genuine American oil. Other oils at cheaper prices.

**SPEARMINT.**—Market is steady but rather quiet: U.S.P. oil, spot, 8s. 3d.; shipment, 7s. 6d. per lb., c.i.f. Other quality oils at cheaper prices.

**SPIKE.**—A fair amount of small business passing on spot, with prices quite steady. While the source reports that some stocks are available, it is still difficult to obtain definite offers and to effect shipment: Spanish oils from 5s. 6d. to 6s. per lb. Blended oils at cheaper prices.

**WORMSEED.**—A limited business, market steady: U.S.P. oil, spot, 11s. to 11s. 3d.; shipment, about 10s. 7d. per lb., c.i.f.

# Correspondence

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

## Ether at the Bedside

SIR.—It may interest "Xrayser" to know that I have two medicine chests, each having compartments to take 12 x 4 oz. bottles (*C. & D.*, April 30, p. 494). These cases were used about sixty-five years ago to supply ether to a customer, the Hon. Mrs. ———, the one chest being taken full and the other being returned for refilling. The original labels are still on the chests, and also slip labels—"Not to be taken." I am not able to read the actual writing on the labels, but my informant was the late Mr. Dolbear (Dolbear & Goodall), Oxford, who, in his apprentice days, used to deliver these chests.—Yours faithfully,

ERNEST QUANT.

Torquay.

## Ipswich Medical Scheme

SIR.—I read with interest the remarks of "Xrayser" (*C. & D.*, April 30, p. 494) on the Ipswich Public Assistance Domiciliary Medical Service, and regret to notice that they are critical without being helpful. As the scheme is for an experimental period of twelve months, I am looking out for suggestions that will assist the improvement of the scheme from the chemists' point of view. I had the privilege of watching chemists' interests during the formation of the scheme and during the compilation of the Children's Formulary. My medical friends in the town tell me that they are finding the Formulary very useful, and I can assure "Xrayser" that they really do put the age of the patient in the space provided on the script.—Yours faithfully,

L. PIPER.

Ipswich.

## Pharmaceutical Council Election

SIR.—I am wondering how many members will take seriously the promise of limitations of pharmacies which I observe some candidates are holding out. I thought the president of the Pharmaceutical Society had laid this bogey by his speech at the annual dinner of the Birmingham Branch. Is not the liberty of the subject of the very essence of the British constitution, and is there the remotest possibility of Parliament ever passing an Act to limit the number of pharmacies, or doctors' surgeries, or dentists' waiting rooms, or lawyers' offices? I am in complete accord with everything Mr. J. Greive says in his commonsense letter, and hope that all members will use their votes at the forthcoming election thoughtfully.

Yours faithfully,  
NEMO (2/5).

## Cost of Exclusive Dispensing

SIR.—Reservation of dispensing to the pharmacist (*C. & D.*, April 30, p. 520) is an expression one often hears. It is in the same category as "pharmacy for the pharmacist," "pharmacy the handmaid of medicine," and other similar expressions, frequently popular in after-dinner speeches where medical men and pharmacists fraternise and indulge in somewhat sloppy sentimentality which has usually evaporated by the next morning. Do pharmacists want to be the sole dispensers of medicine? If they do, have they counted the cost? As your correspondent points out, they will have to give what will virtually be a twenty-four hours' service. If they live over the shop, they will be slaves to the bell; if there is one man who lives over the shop and the remainder in a district who live away from the shop, the resident pharmacist will willy-nilly get the night work. What I am concerned with, however, is the payment for this work. There seems to be every likelihood that in a future which is not too far ahead there will be a big increase in the number of National Health Insurance scripts and a dwindling of private ones. Get dispensing reserved to the pharmacist and he will be loaded up with work, strenuous and exacting—but at what rate of pay? Pharmacy to-day has its drawbacks, but it has also its sidelights, and I doubt whether, if dispensing were reserved to pharmacists, many of them would have the time to think about anything else than work at the dispensing counter. Reservation of dispensing may have a comfortable sound; it may not, however, provide a comfortable income by itself.

Yours truly,  
DISPENSER (1/5).

## Poison Licences in Eire

SIR.—With reference to the discussion on the 1908 Poisons Act in Eire at the last meeting of the Pharmaceutical Society of Ireland (*C. & D.*, April 23, p. 469), I wish to congratulate the Council for the stand they are taking in the matter. It has always been the grievance of provincial chemists that the Society did very little for its members, with the result that the majority of chemists refuse to become members. Chemists don't like reporting non-chemist traders in the same town for breach of poison regulations, as it brings about bad feeling. I would suggest that the Society's inspectors make occasional visits all over the country, make some purchases from non-chemist traders, and if the regulations are not observed try and bring the matter before the gardai or prosecute themselves if possible. I believe if there were a few convictions in every county the expenses involved would be justified by increased membership of the Pharmaceutical Society of Ireland.

Yours truly,  
MAUD (27/4).

## Vacant Situations in South Africa

SIR.—As there appears to be of late a rerudescence of the practice of importing qualified British assistants into South Africa, may I, as a chemist with thirty-nine years' experience of the country, be allowed to suggest to such the advisability of at least exercising as much caution before deciding to come here as they would over any other important step in life? It cannot be too widely known that in all areas where the Wage Act is declared operative (which are about the only areas your readers will be likely to have any interest in), the minimum wage for a qualified man is £30 per month. Attempted deductions on such grounds as ignorance of the Afrikaans language, and the like, are offences, and if made should be reported to the police. Hours vary in the different provinces: they seem at first light by British standards. It has to be borne in mind, however, that two one-hour attendances must be made every Sunday and holiday, and a one-hour attendance on the half-holiday evening. Most firms require the full staff at these times: a clear half-day is hardly known and an occasional full Sunday off is only obtainable in very large businesses. It also must be remembered that South Africa has no twilight: half an hour after sunset it is as dark as midnight, so that outdoor evening recreation is impossible. The cost of living is another matter on which inquiring immigrants often get somewhat misled. In small country towns reasonably good board and lodging can be got for £6 per month: the fare, of course, is rather plain: but Afrikaans gets acquired naturally and easily. In the big centres much more must be paid if one is to live as a white man at all: certainly £8 10s. or more. Johannesburg should be avoided like the plague: one might as well live in Limehouse or Whitechapel as regards its normal conditions, while life in its more exalted neighbourhoods is beyond the means of any chemist's assistant. The plain truth is, as true to-day as it was thirty-nine years ago, the only reason for wanting to import assistants is to try to bring salaries down. To plead shortage of men is ridiculous as well as dishonest. Johannesburg has, roughly, one pharmacy to each 3,000 inhabitants, which is uneconomic, and then, of course, there are the bazaars, draper-chemists, grocer-chemists, etc., as well. Much is made of the fact that many villages have not a pharmacy. The truth is, of course, they couldn't support one: there are plenty of men willing to open in such places if there was the slightest hope of a living, apart from real success. Further, these days of "off the shelf" dispensing have made the need for qualified men much less. Where once a brisk business would have three or four dispensers at work, one qualified man can easily supervise the work of three or four girls merely sticking the firm's label on what are only glorified patent medicines: the most strenuous thing he will have to do is keep the Habit Forming Drugs register: rarely, indeed, will even directions have to be written. This "shortage of men" deceives no one with any real knowledge of conditions here. To all intending immigrants, therefore, I say look before you leap, and get disinterested advice.

Yours truly,  
OLD HAND (23/3).

## Miscellaneous Inquiries

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

*S. M. L.* (29/4).—DEPOSIT IN QUININE MIXTURE.—From our own tests there has been no deposit on allowing the mixture to stand for fourteen days when mixed in the following order:—

Quinin. sulph.	..	..	..	..	$\frac{1}{2}$	part
Tinct. ferri perchlor.	..	..	..	..	12	parts
Acid. phos. dil.	..	..	..	..	18	parts
Spt. chlorof.	..	..	..	..	6	parts
Glycerin.	..	..	..	..	ad	48 parts

*H. J. (31/3).—DESTRUCTION OF MAGPIES.*—Existing statutes only permit the laying of poisons for the purpose of destroying insects and other invertebrates, rats, mice or other small ground vermin where destruction is necessary in the interests of public health, agriculture or preservation of other animals, domestic or wild, and provided that all precautions are taken to prevent injury to dogs, cats, fowls or other domestic animals and wild birds. Although poisoned grain and other material are sometimes laid for the destruction of wild birds, anyone doing so runs a great risk of being convicted under the statutes.

*A. H. C.* (2/5).—MEDICATED PORT WINE.—The following will probably be suitable for your requirements;—

	I	
Extract of beef . . . . .		2 to 4 lb.
Liquid extract of cinchona . . . . .		4 lb.
Tincture of cinchona . . . . .		30 oz.
Syrup . . . . .		1 gall.
Glycerin . . . . .		5 lb.
Spice flavouring . . . . .		20 oz.
Port wine . . . . .		30 gall.

The spice flavouring is the percolate of proof spirit and 1 oz. each of nutmeg, clove and cinnamon.

Dose: 3j.

Extract of beef	..	..	..	..	5iv.
Iron and ammonium citrate	..	..	..	..	5v. D <sub>j</sub> .
Port wine	..	..	..	..	Cong. j

Proceed as in making beef and malt wine, but dissolve the iron and ammonium citrate in 2 oz. of warm water, and add the solution to the wine.

*W. F.* (29/4).—ANALYSIS OF OILS, FATS AND WAXES.—The following text books will probably be suitable for your purpose:—Bolton's "Oils, Fats and Fatty Foods, Their Practical Examination," 30s.; Arup's "Industrial Organic Analysis," 12s. 6d.; Allen's "Commercial Organic Analysis," Vol. II., 30s. All are published by J. & A. Churchill, 104 Gloucester Place, London, W.I.

*G. W. C.* (2/5).—SALINE DENTIFRICE.—A formula for saline dentifrice is as follows:—

Sodium chloride	..	..	..	..	25-35 per cent.
Sodium sulphate	..	..	..	..	6-8 per cent.
Sodium perborate (or borate)	..	..	..	..	12-15 per cent.
Sodium bicarbonate	..	..	..	..	12-15 per cent.
Sodium carbonate	..	..	..	..	1-4 per cent.
Calcium carbonate	..	..	..	..	20-25 per cent.
Calcium phosphate	..	..	..	..	3-6 per cent.

*J. F. M.* (4/5).—WAR GASES.—The full titles and chemical formulae of the poisonous gases listed in THE CHEMIST AND DRUGGIST Chart of War Gases (*C. & D.*, April 30) is as follows:—

Phosgene	..	$\text{COCl}_2$
Chlorine	..	$\text{Cl}_2$
D.A.	..	diphenylchloroarsine ( $\text{C}_6\text{H}_5$ ) <sub>2</sub> .As Cl
D.M.	..	diphenylaminechloroarsine $\text{C}_6\text{H}_5\text{NH} \left< \begin{matrix} \text{As} & \text{Cl} \\ \diagup & \diagdown \end{matrix} \right> \text{C}_6\text{H}_5$
D.C. ..	..	diphenylcyanoarsine ( $\text{C}_6\text{H}_5$ ) <sub>2</sub> .As CN
C.A.P.	..	chloroacetophenone $\text{C}_6\text{H}_5\text{COCH}_2\text{Cl}$
K.S.K.	..	ethyliodoacetate $\text{CH}_3\text{I COOC}_2\text{H}_5$
B.B.C.	..	bromobenzylcyanide $\text{C}_6\text{H}_5\text{CHBrCN}$
Mustard	..	( $\text{CH}_2\text{ClCH}_2$ ) <sub>2</sub> S
Lewisite	..	$\text{CHCl}=\text{CHAs Cl}_2$

*C. D. J.* (29/4).—**ALGÆ IN POND.**—Copper sulphate is generally used for this purpose, and is added in the proportion of one part per million. The method of using it is to place the necessary amount of copper sulphate (in large crystals) in a canvas bag and drag this through the water until the salt has dissolved.

T. S. (2/5).—ODOUR OF BENZYLIDENE ACETONE.—There is no doubt that benzylidene acetone is practically universally used in the preparation of sweet pea perfumes, but, of course, its odour is mingled with that of other synthetics. Gattefossé ("Nouveaux Parfums Synthétiques") states: "It is used as a base for sweet pea extracts, of which it recalls the special character." On the other hand, Givaudan ("Notes on Synthetic Perfumes") states: "Its characteristic odour is both very strong and persistent. It is employed solely in soaps as a constituent of such perfumes as new mown hay, lavender, mimosa, etc. Felix Cola ("Dictionnaire de Chimie des Parfums") writes: "It is wrong to use it as a base for extracts of sweet pea . . . it far from produces the delicious odour of the sweet pea." Dr. E. J. Parry ("Chemistry of Essential Oils") describes it as possessing a floral odour. It is quite certain that a pure specimen of benzylidene acetone has no after-odour resembling sulphuretted hydrogen. Its odour is powerful and persistent but strongly floral throughout its evaporation.

*E. J. H.* (3/5).—WINDOW DISPLAY.—The subject of display for chemists is treated in three ways in the columns of the *C. & D.* First, outstanding displays are illustrated from time to time under “News in Pictures.” Secondly, articles appear on general display topics, examples being “Scandinavian Display Methods” (December 11, 1937), “Springtime Display Backgrounds” (April 16), and “Shopfitting and Display” (from time to time). Thirdly, the application of display principles to particular departments is illustrated by means of model displays, for example, veterinary goods (October 9, 1937), chemists’ confectionery (November 20, 1937), herbs (November 14, 1936), disinfectants (May 15, 1937), air-raid precautions supplies (April 30, 1938), etc.

J. M. W. L. (11/4).—LABEL FOR TONIC.—The titles you mention are either those of existing products or sufficiently near to be likely to be opposed if used. The full formula and the disclaimer would have to appear on the label if the preparation is to be sold unstamped. The Medicine Stamp Acts, with an explanation of the grounds of liability, formed the subject of an article in the *C. & D. Diary*, 1938. After studying this you may be able to devise suitable wording to avoid liability. There is no objection to labelling the ointment tin in the manner you suggest. Labelling requirements under the Pharmacy and Poisons Act, 1933, and the Board of Customs and Excise must be complied with.

## Retrospect of Fifty Years Ago

Reprinted from  
"The Chemist and Druggist," May 5, 1888

## The Early Closing Bill

On Wednesday, Sir John Lubbock moved the second reading of this Bill in a lively and earnest speech. He quoted evidence from the Select Committee's report on the subject, and from various canvasses that had been made, to show that the shopkeepers generally were in favour of the measure. In Holloway, he said, it had been ascertained that out of 400 canvassed, 95 per cent. were in favour of it; in Bethnal Green 19 out of 20; and in the Harrow Road 188 out of 200. At Liverpool, out of 2,000 canvassed, 1,770 were in its favour. With regard to chemists, Sir John Lubbock said:—In the Bill as printed last year, chemists were excluded; but so many chemists wrote begging to be included that the editor of THE CHEMIST AND DRUGGIST sent out a circular to all the chemists in the country. There were about 8,000 chemists' shops and over 2,000 returned answers—1,330 wished to be included in the Bill and 700 were against it, which showed that two out of three were in favour of the Bill; and in a leading article on the subject the editor said that two-thirds of the chemists in the country would welcome the Bill. But, it might be asked, if so large a number of shopkeepers were in favour of early closing, why should a Bill be necessary at all? Because a small and selfish minority insisted on keeping open, and thus forced the others to keep open also.



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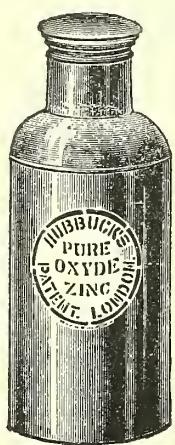
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May 7, 1938



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THE CHEMIST AND DRUGGIST  
SUPPLEMENT

iii

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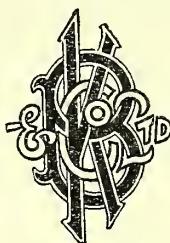
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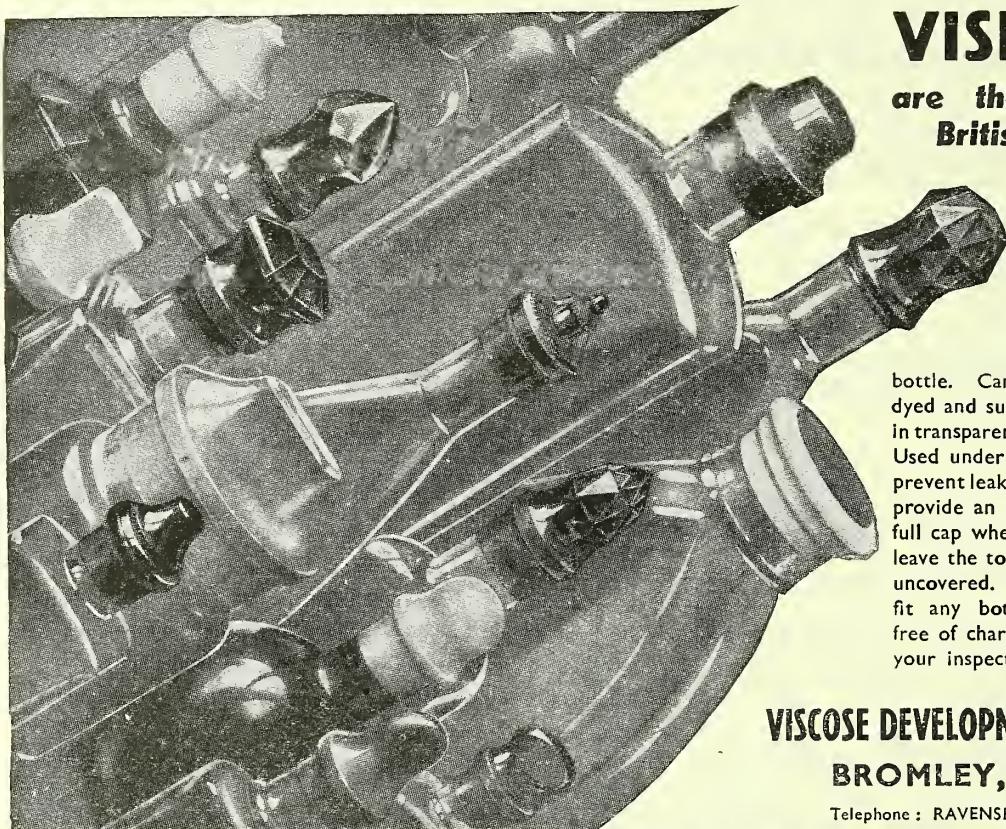
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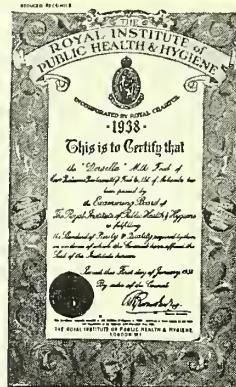
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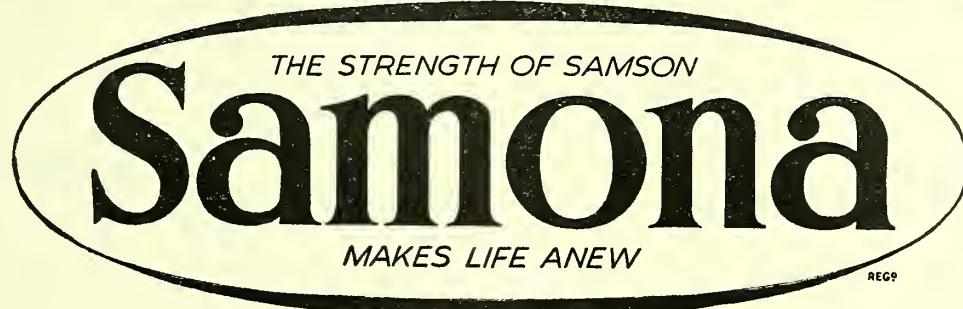
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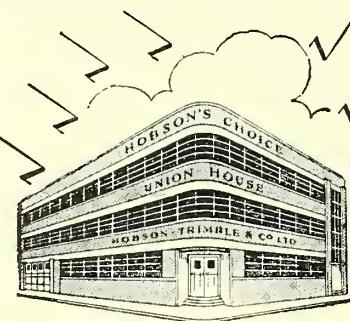
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Antiseptic and  
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The finest bandage of its kind  
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**IN CARTONS**  
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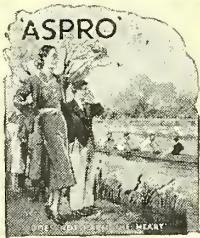
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Rodine Red  
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it sells all the time!**

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# The CHEMIST AND DRUGGIST

## SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

MAY 7,  
1938.

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**THE CHEMIST & DRUGGIST**, 28 Essex St., Strand, London, W.C.2  
Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Strand, London."

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56 LUDGATE HILL, E.C.4

ESTABLISHED 1846

Telephone Nos.: CITY 2283 & 7477

May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—ENFIELD (NEAR).—Good-class Business; takings over £2,200 last year; splendid living accommodation; handsomely fitted pharmacy; heavily stocked, £650 last year; rent £120; vendor retiring; net profits about £500 per annum.

2.—ARTHUR REES, LTD. (IN LIQUIDATION), NORTHUMBERLAND AVENUE, W.C.2.—High-class Business for immediate disposal; turnover last year approximately £4,500; new lease; valuable stock and fixtures; offers invited; further details upon application; Liquidators Sole Agents.

3.—HARRINGAY.—General Retail Business for disposal; increasing turnover, last year being £1,660; gross profit £664; stock and fixtures estimated to be worth £650; very nice living accommodation; inclusive purchase price required £1,000.

4.—HAMPSTEAD (NEAR).—High-class Retail Business; takings present rate under management £40 per week; new lease; shop rent only £100 per annum; scope; inclusive purchase price required £1,500 or near offer; part payment terms entertained.

5.—HIGHGATE (NEAR).—Progressive Light Retail Business; turnover about £2,600 per annum; rent only £92 10s.; lock-up Pharmacy; inclusive purchase price £1,550; income tax net profit £681. Vendor buying another business.

6.—LEYTONSTONE.—Middle-class Business in main road; takings last year £2,344; beautifully fitted pharmacy; modern living accommodation; price required for the goodwill £200 plus stock and fixtures at valuation; total purchase price about £1,600.

7.—STREATHAM.—Main Road High-class Retail Business; takings £60 per week; rent £250 per annum; valuable stock and fixtures; splendid site; inclusive purchase price required £1,250 or near offer.

8.—EARLS COURT.—High-class Dispensing Business; takings £40-£50 per week under management; profit rental; long lease; heavy stock; inclusive purchase price required about £2,000 or valuation terms entertained; stock and fixtures worth £1,200.

9.—SILVERTOWN (RETIREMENT VACANCY).—Cash Drug Store offering scope for Qualified; net profit nearly £6 per week; inclusive purchase price £550. Vendor retiring.

10.—EALING (NEAR).—General Retail Business with rapidly increasing turnover, this year will be at least £3,300; handsomely fitted Pharmacy situate in excellent position; Neon lighting; reasonable rental; offers invited; stock and fixtures worth about £1,550; recent takings over £80 per week.

11.—EAST LONDON.—Main road General Cash Retail Business with heavy Panel connexion; takings last year £3,368, included over £500 from Panel; gross profit £1,358; net profit about £800; inclusive purchase price required £1,950, or valuation terms entertained.

12.—SURREY.—Family Retail Business; takings approximately £2,900 per annum; excellent profits; stock and fixtures worth nearly £1,000; modern flat over at present sublet; inclusive purchase price about £1,800; increasing turnover.

13.—GRIMSBY.—RETIREMENT VACANCY.—Old-established main road General Retail Business; average net profit last 3 years £300; certified accounts; scope for increase; only one private chemist as opposition; good living accommodation; low rental; inclusive purchase price £500 or valuation of stock and fixtures.

14.—HUDDERSFIELD (NEAR).—Light Retail Business with N.H.I. £230 per annum; turnover last year £836; net profit £260; inclusive purchase price required £500; rent only £35 per annum.

15.—NORTHAMPTONSHIRE.—General Family Business run under management; takings average £11 per week cash, plus £3 10s. per week Panel; single-fronted, lock-up shop; rent 8s. 6d. per week inclusive; inclusive purchase price about £275.

16.—BRISTOL.—Middle-class Retail Business for sale owing to vendor buying another concern; takings this year about £1,600; good profits; living accommodation; with bathroom; rent £68 per annum; inclusive purchase price £950; increasing turnover.

17.—SOMERSET.—Village Business for sale; takings last year £1,025; net profit £300; price required for the business about £800; no near opposition; spacious living accommodation; property can be purchased or leased.

18.—BATH (DEATH VACANCY).—Good-class Business for sale; takings average about £45 per week; old established; reasonable overheads; purchase price about £1,250; stock and fixtures worth £800. To be sold forthwith.

19.—BIRMINGHAM.—Good Middle-class Trade; takings last year £1,000; net profit £332; audited accounts; inclusive purchase price approximately £700; valuation terms entertained. This year shows an increase.

20.—HASTINGS.—Middle-class Business; net profit over £400 per annum; living accommodation; long lease; price £1,000.

21.—FRINTON (NEAR).—Light Retail Business in present hands 33 years; net profit £600 per annum; stock £1,050; fixtures £285; splendid living accommodation; property can be purchased for £1,100 or rented for £100 p.a.; offers invited.

22.—FINCHLEY.—High-class Retail and Dispensing Business; takings approximately £2,800 last year; net profit £700 per annum; good, clean stock worth about £600; rent after allowing for sublet £110 per annum; long lease; offers invited; vendor going into Medical.

## Chemists' Transfers, Valuations for Sale, Stocktaking & Probate, Sales by Auction

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants

# ERNEST J. GEORGE & CO.

Lancashire and District Representative : Mr. E. BROWN, 21 Davenport Road, Hazel Grove, Stockport. Telephone : Great Moor 2405

(Cr) LONDON (ABOUT FIVE MILES FROM CENTRE).—Prominently situated main-road business; turnover approximately £2,800 per annum; gross profit about £1,200; net to Owner-Proprietor £750/£800; very low rental, which includes living accommodation; long lease; large panel; price £2,100 or reasonably near offer.

(C2) LIVERPOOL.—Old-established, high-class family business, with no near opposition; turnover for 1937 financial year, £1,646; gross profit £560; rent £60; lease 21 years; freehold can be purchased if desired for £1,000; price £800, including stock £400 and fixtures £300.

(C3) CHANNEL ISLANDS.—Photographic business, with modern and extensive front, occupying prominent position; excellent scope for introduction of Pharmacy Department and other lines usually associated therewith; turnover for 1937, £2,801; rent £250; no near opposition; price by negotiation; please supply Bankers' references.

(C4) LONDON, S.W.—Lock-up Pharmacy, with extensive display windows, occupying prominent position; scope and opportunities for substantial development, as the business, which is of fairly recent establishment, has not up to the present been fully exploited; turnover for 1937 financial year, £1,785; gross profit £743; genuine reason for selling; price £1,250 or nearest reasonable offer, £500 of which can remain for payment over a period of five years.

(C5) BIRMINGHAM.—Established family and dispensing business, with full wine licence; turnover now averaging upwards of £30 per week, and steadily increasing; property can be purchased for £350, or taken on lease at a rental of £50 per annum; rooms above, which could be utilised for residential purposes if desired; stock and fixtures estimated at £750, or can be taken at valuation; goodwill by agreement.

(C6) CAMBRIDGESHIRE.—Unopposed country business, established about 50 years; turnover for 1937, £1,810; gross profit £598; net £390; good living accommodation, with large garden, garage, etc.; rent £50; price by negotiation; valuation terms acceptable.

(C7) ESSEX.—Well-positioned main road Pharmacy, showing steadily increasing returns; turnover for 1937 financial year, £2,243; should reach £50 per week in the near future; price £1,650 or near offer.

(C8) SOUTH LONDON.—Rapidly increasing business, occupying prominent position; good living accommodation; turnover approximately £2,100 per annum; rent entirely covered by post office remuneration; excellent scope and opportunities for further development; price £1,600 or reasonably near offer. Owner would consider partnership arrangement if preferred.

(C9) CHELSEA.—Well-established; situated in densely populated area; very easily conducted; turnover for 1937, £770; gross profit

Bank Chambers, 329 High Holborn, London, W.C.1  
Telephone Nos. : Holborn 7406 & 7407 (2 lines)  
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Telephone : Walsall 3774

£307; rent £45; rates £17; excellent scope, as new flats recently erected are now becoming occupied; price £390 all-at, including stock £250.

(C10) EWELL (NEAR).—Attractive main-road business occupying prominent position in middle-class, residential suburb, near to leading multiples; turnover for 1936-37, £2,847; gross profit £1,080; net profit to Owner-Proprietor £600-£700; rent £220, including up-to-date flat; lease 17 years; price £1,500, plus stock at valuation (estimated at £400).

(C11) LIVERPOOL.—City business, with steadily increasing turnover; returns for 1937, £2,510; this year is expected to reach £3,000; net rent £90 only; excellent position near to leading multiples; price £1,250, including stock £600; valuation terms if preferred; part can remain.

(C12) FOREST HILL, (DEATH VACANCY).—Established business, in late hands approximately 26 years; turnover 1936-37, £1,302, including N.H.I. £348; leasehold property with about 26 years unexpired, can be purchased, or underlease can probably be arranged, at a reasonable rental; excellent scope; low price for quick sale, which is desired in order that the estate can be closed; further particulars upon application.

(C13) BERKSHIRE.—Present returns approximately £2,000 per annum under management; good scope with personal attention; rent £100, including small house with garden and garage; lease 21 years; stock estimated at £700; fixtures £250; price £1,250 all-at; owner will, if necessary, accept £800 down and the balance by arrangement.

(C14) LIVERPOOL.—Brauch business, established over 60 years; turnover approximately £1,500 per annum; rent £65; good scope; price £550-£600 according to value of stock, part of which could remain.

(C15) LEYTON (NEAR).—Main-road pharmacy, situated in improving position; spacious and double-fronted, with excellent internal fixtures; turnover for 1937, £2,344; modern six-roomed house with bathroom, etc.; returns likely to increase substantially; price £1,650, including stock and fixtures estimated at £1,450.

(C16) HEREFORDSHIRE.—Old-established, middle-class business with excellent scope under personal proprietorship; present returns average approximately £1,000 per annum; living accommodation with four bedrooms, etc.; reasonable rental and purchase price; open to offer.

(C17) EAST FINCHLEY (NEAR).—Established main road business with living accommodation, at present sub-let; turnover for year ended December, 1937, £2,572; gross profit £962; stock estimated at £1,000, all of which is good; fixtures about £280; price all-at, for quick sale £1,530, or near offer, including only £250 for goodwill.

**Valuations for transfer, probate, income tax, etc., promptly executed at economical rates.**

## BERDOE & FISH

CHEMISTS' VALUERS AND TRANSFER AGENTS,

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations.)

1.—SOUTH COAST.—Good-class Family and Dispensing Business, with Photographic; returns £1,800 under management; rent £150; large Shop, good living accommodation; heavily stocked; price £1,500 or £350 plus stock and fixtures at valuation.

2.—BLACKPOOL.—Well-established light cash Retail, in splendid position; turnover averages £1,850; good profits; books audited; stock and fixtures worth £700; price £900 for early sale; owner entering wholesale.

3.—NORTH MIDLANDS.—Sound light Retail, in busy market town; easily run; returns £1,550; net profit £350; stock and fixtures worth £650; price £850.

4.—HOME COUNTY.—Good-class Business, in busy town; main-road position; returns over £1,400; scope for increase; modern Pharmacy, fully stocked; price £925 or near offer.

5.—DEVON.—Unopposed mixed country Retail, with grocery and newspapers; returns about £35 weekly, net profit 20 per cent.; good house, garden and garage; well stocked; price £550.

6.—SUFFOLK.—Good-class Business, in pleasant seaside resort; returns over £1,300, increasing; good profits; excellent house and garden; price £700 or near offer.

7.—CANONBURY (NEAR).—Light Cash Retail with good Panel; returns approach £2,000, net profit £450; smart double-fronted shop, fully stocked; price £950 or close offer.

8.—HACKNEY (NEAR).—Well-established Business in main-road position; turnover exceeds £2,000, gross profit 35 per cent.; books audited; modern Pharmacy; stock worth £300-£400; owner, for quick sale, will accept £300, plus stock at valuation.

9.—LONDON, W.—Old-established Family Retail Business; very profitable; returns nearly £1,100; low overheads; valuable lease; owner retiring; price £525; worth attention.

10.—TOLLINGTON PARK (NEAR).—Old-established Drug Store in densely-populated district; returns about £800 under female; plenty of scope in Qualified hands; price for early sale only £275.

11.—ST. PANCRAS (NEAR).—Profitable Cash Retail, with N.H.I.; no immediate opposition; returns over £1,100, net profit £350; audited figures; price only £350 or near offer.

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Telephone: Terminus 3574.

## THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED

(Business Agency, Transfer & Valuation Department)

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Enquiries Invited.

**S. F. CLARK, F.N.A.A.** Phone: Prospect 3366  
CHEMISTS' VALUER & TRANSFER AGENT  
34 MARKSBURY AVENUE, RICHMOND, SURREY

NORFOLK.—Village business for exclusive disposal, for valuation of Stock and Fittings only, approx. £450. Nearest opposition 6½ miles. Owner retiring. Other businesses in London districts and country. Purchasers please state exact requirements.

ALL MATTERS TREATED PERSONALLY AND CONFIDENTIALLY

## BUSINESSES FOR DISPOSAL

6s. for 50 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., ls. extra.)

BOURNEMOUTH.—Main road position (see article, page 391, "Hairdressers' Journal," January 29); exceptional opportunity for Qualified Chemist. At present Tobacconist and Hairdressers; suggest substituting Chemists for tobacco; no opposition; profits from Hairdressing more than cover rent of premises, which have two flats above. To those with small capital accommodation if required, interested and wanting proof, write or call (Sunday no objection), Owner, 12 Carbery Row, Southbourne Road, Bournemouth. Alight Irving Road bus stop. Telephone: Southbourne 1231.

DONCASTER.—Old-established Drug Store for sale; present owner 25 years; good living accommodation; working-class district; suit Qualified or Unqualified man; valuation only (about £200); low rent. 167/21, Office of this Paper.

**EAST MIDLANDS.**—Industrial town; turnover £3,600; gross over 30 per cent.; N.H.I. 600-700 month; needs personal attention. 167/24, Office of this Paper.

**LINCS.**—Old-established Pharmacy; excellent position in main street of small market town; well stocked and fitted; long lease; low rent; nice house attached; good Counter trade, Prescribing, N.H.I., Photography, Wine licence; good opening for Optics; price, valuation of stock and fixtures, plus a small amount for goodwill; capital required about £500; audited accounts. 167/49, Office of this Paper.

**MANCHESTER.**—Good-class Retail Business for immediate disposal; turnover last year £2,700 under manager; good opening for Optics; full particulars upon application; genuine buyers only. 168/23, Office of this Paper.

**NORTH-EAST COAST.**—Seaside business for sale; sound reason for disposal; turnover £1,200-£1,300, steadily increasing; low rental; living accommodation; capital required approximately £800. 325/823, Office of this Paper.

**WEST LONDON.**—Good residential neighbourhood; established by present owner 11 years; 10 years' lease at £85; rates £24; takings £1,600-£1,700; audited accounts; nicely fitted, bold corner shop; two rooms at rear; N.H.I. more than pays rent; never previously offered; reasonable price for quick sale; owner buying larger business. Apply 163/2, Office of this Paper.

**A** N absolutely unique opportunity to acquire Southport Chemist's Business; stock, fixtures and goodwill £650; central premises. Apply E. B. Griffiths & Co., Accountants, 152/154 Lord Street, Southport.

**A** N Exceptional Opportunity.—Light Retail and Dispensing Business in splendid position, ten miles from London; takings per annum £3,200, increasing; audited accounts; net profit £650; large, modern, double-fronted shop; living accommodation; long lease, reasonable rent; Kodak; price by arrangement (about £1,500); would consider £1,000 cash, balance by instalments. Those interested, and with necessary cash, apply 167/51, Office of this Paper.

**CHEMIST'S** Business in South London for sale, £200; stock at valuation; established 75 years; no opposition; low overheads; lease. Apply P.C.B. 282/6, Office of this Paper.

**DRUG STORE.**—If you are a genuine purchaser of an easily-run lock-up Drug Store, please write for full details; net profits are over £5 a week; small rent; nearest Chemist  $\frac{1}{2}$  mile; market town 40 miles London; full prices, cash trade; price to be arranged. 168/18, Office of this Paper.

**FOR SALE.**—Established Business; good position, main shopping street; suitable for newly Qualified; opposite large hospital in Wirral; Kodak, Selo, Ucal, etc.; lock-up. Apply 167/9, Office of this Paper.

**I**F You Require a Business in the North of England, write to me. I have for sale one on the Wearside, one on the Tees-side, and one in the Doncaster district. All are bargains, and specially suitable for gentlemen wishing to commence business on their own account. I require for clients two businesses doing minimum £40 and £60 per week. If your business is for sale, why not send me particulars? E. Phillips, F.N.A.A., 286 Meadow Head, Sheffield, 8.

**IMMEDIATE** disposal, Pharmacy, opened eight months; average takings £19 per week; N.H.I. 200 per month, increasing; low overheads; good lease; living accommodation; three doctors opposite; genuine reasons for sale; capital required about £525; further particulars on application and banker's reference. 167/41, Office of this Paper.

**SUIT** Welshman.—Agricultural Chemist and Optician; best position, North Wales county town; capable of considerable increase; good Optical connexion; double-fronted shop, living accommodation; price £800. Particulars from 151/7, Office of this Paper.

## BUSINESSES WANTED

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**PHARMACIST** wishes to purchase immediately, sound middle to good-class Business in pleasant district, town or country; business must bear full investigation and show net profit £300 or upwards, with reasonable overheads; South, West, South-West districts or Wales preferred, but not essential. Full particulars in confidence, 166/2, Office of this Paper.

## PREMISES TO LET

**UPPER NORWOOD, S.E.19.**—Lock-up shop, with or without living accommodation; good position, main street; just vacated by Chemist owing to ill health; fitted with latest mahogany fittings; ready to open at once; low rental on lease. Apply, W. G. C., 44 Westow Street, Upper Norwood, S.E.19.

**WIGMORE STREET, W.**—Excellent trading position, close to Portman Square; modern shop and basement, floor space about 3,600 square feet; long lease at very moderate rental; suit any high-class trade. Apply Hillier, Parker, May & Rowden, 27 Maddox Street, W.1. Tele.: Mayfair 7666.

**WORTHING.**—Shop, with two rooms over; busy main thoroughfare, close electric railway station, bus and tram-o-car stop outside; good opening for Chemist; rent £100 per annum ex. Leggett & Cossom, 8 Station Parade, West Worthing.

**A** SOUND chance to acquire house and shop, 2,000 population, suburb of Yorkshire market town with no competition; Chemist, Optician, Chiropractor, Hairdresser, Butcher, Drapery, Dr. Peppermint, Fish, Fruit and Vegetable; ten years' lease; £50 per annum, or sell for £700; vacant possession. 164/70, Office of this Paper.

## AGENCIES

**PARIS.**—Well-appointed offices, with stock-rooms, in heart of city; Englishman, 28 years in business on Continent, proprietor Surgical Instrument Business, established over 100 years, would consider representation for thoroughly sound non-competing lines for Europe; fluent French and German; interview London. O. J. J., c/o, "Chemist and Druggist," 155 avenue de Wagram, Paris.

**A** GENTS wanted for Scotland and Wales to carry advertised proprietary sold to Chemists only; must cover whole of Scotland or Wales periodically and represent well-known houses; good commission and part expenses; replies treated in strict confidence. 325/821, Office of this Paper.

## COMPANY REGISTRATION

**I** DO not know what to add to what I have been saying consistently in this space for more than 25 years about the advantages of trading on safety lines as a Private Limited Company of two or more persons. If this interests you, please write for my inclusive quotation and full particulars.

A. B. SLACK,  
721 PRINCESS ROAD, MANCHESTER, 20.

## TENDERS

### CORPORATION OF LONDON.

#### DISINFECTANTS.

**T**HE Public Health Committee of the Corporation are prepared to receive Tenders for the supply of Disinfectants and Chemicals as may be required by the Corporation for a period of three years from July 1, 1938.

Forms of Tender and particulars of the articles required, which should preferably be of British or Imperial origin, can be obtained at the Office of the Town Clerk, Public Health Department, Guildhall, E.C.2, between the hours of 10 a.m. and 5 p.m. (Saturday 10 a.m. to 1 p.m.).

Tenders, on the Form supplied, must be delivered at the Office of the Hallkeeper, Guildhall, E.C.2, not later than 12 noon on Saturday, May 21, 1938, in sealed envelopes, addressed to the Town Clerk, Public Health Department, and endorsed "Tender for Disinfectants, etc."

The Committee do not pledge themselves to accept the lowest or any Tender.

ROACH.

May 4, 1938.  
Guildhall, E.C.2.

## BUSINESS OPPORTUNITIES

**Y**OUNG Man offered position as Assistant Sales Manager and London Representative under agreement by progressive established private company marketing own branded products, and Sales Agents for well-known firms; salary £200 and commission; investment required, £350 in preference shares; exceptional prospects for right man. Write fully 168/9, Office of this Paper.

## SITUATIONS OPEN

### RETAIL (HOME)

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., Is. extra.)

**B**RISTOL.—Wanted immediately, Qualified Chemist; apply, stating full particulars in first letter of experience, age and salary required; permanency required; forward copies of references, also photograph if possible. Joy's Chemists, Ltd., 3 Birchwood Road, St. Annes Park, Bristol, 4.

**J**ERSEY, C.I.—Required, Unqualified young male Assistant; May 23 to October 1, inclusive. Apply P. Larbalestier for interview, 61 Chelsam Road, Clapham, London, S.W.4.

**K**EPT COAST.—Qualified Assistant (lady or gentleman) to manage seaside branch for summer season, May to September; salary and liberal commission to suitable applicant. Apply, with full particulars, to S. G. Court, Ltd., Birchington.

**L**ONDON.—Qualified Manager for busy main road in good-class industrial district; should be capable in all departments and have had previous experience in similar capacity; good opportunity and comfortable berth for right man; please state full details experience, age, commencing salary expected and when free; immediate application advised; interview. 167/52, Office of this Paper.

**L**ONDON.—Young Qualified Assistant required at once. Send full particulars or phone, W. Gray, M.P.S., 40 Orford Road, Walthamstow, E.17; phone: Walthamstow 0083.

**L**ONDON.—Young Qualified Man wanted for Branch Pharmacy; must be reliable Dispenser and capable of taking charge. Apply, giving full particulars, age, height, experience, salary required (photograph if possible), to T. & E. Hutchings, Ltd., 60 Nunhead Lane, S.E.15.

**L**ONDON, CITY.—Unqualified Locum required (age 20-25); May 23-September. Full particulars, apply personally Monday, May 9, between 10 a.m. and 7 p.m., Hancock & Co., Ltd., 144 Fleet Street, E.C.4.

**L**ONDON, N.—Young Unqualified Assistant required for Family business; state age, experience and salary required and when disengaged. 167/26, Office of this Paper.

**L**ONDON, S.E.—Junior Assistant (male) required from June to end September; good Dispenser and Counterman. Apply by letter, stating age, height, experience, salary required, to J. W. Rumsey & Son, 535 Lordship Lane, S.E.22.

**L**ONDON, S.W.18.—Manager (lady or gentleman) for branch at Wandsworth High Street, S.W.; no Sunday duty; good prospects. Apply Mr. Framingham, T. Jones & Co., 5 Putney Hill, S.W.15.

**L**ONDON, W.1.—Part-time Qualified Assistant required, 8-12 five nights a week, with one Sunday duty in three; duties very light; also full-time Qualified Assistant; state experience and salary to 168/25, Office of this Paper.

**L**ONDON, W.10.—Young Qualified Assistant required for general duties in a modern Pharmacy; no Sunday duty. Please write, giving details of experience, age, height and salary required, to Bowen & Williams, 10 North Pole Road, W.10.

**M**ANCHESTER.—Qualified locum required; reliable man would be booked from June to September; please send full particulars, including age, experience, salary, etc., in first letter. 167/11, Office of this Paper.

**M**ANCHESTER.—Qualified Young Lady and Qualified Gentleman required for Dispensing and Counter work. Apply (in each case) with full particulars of experience, age, salary required, if or when free, and enclose snap if possible to 168/10, Office of this Paper.

**M**IDLAND Health Resort.—Qualified lady, with first-class Dispensing experience and practical knowledge of Cosmetics; must be of pleasing appearance, a tactful and persuasive Saleswoman. Apply, stating age, salary, enclosing photo and references, 166/19, Office of this Paper.

**S**OUTHAMPTON.—Young Qualified lady or gentleman required at once for branch shop; moderate Insurance Dispensing; permanency; please state age, salary and experience; send photo if available. Walter, 210 Shirley Road, Southampton.

**S**TOKES-ON-TRENT (Suburb).—Owing to present assistant buying own business a permanency occurs for Qualified Chemist; must be used to N.H.I. Dispensing, Photography and brisk Counter trade; state age, height, experience, salary, and photo (if possible). 166/21, Office of this Paper.

**S**USSEX COAST.—Wanted early, lady Assistant for Dispensing, Counter and Stock. Apply, stating age, experience, salary expected, with references, and photo if possible, to 167/31, Office of this Paper.

**W**IMBLEDON.—Wanted Assistant (under 30), for good-class Dispensing business; must be reliable Dispenser; good Window-dresser; pleasant manner at Counter; no Sunday duty; highest references; must be capable and well experienced; single. 168/11, Office of this Paper.

**A.A.A.**—Young Assistant of good address, male or female, with all-round experience; no Sunday duty. Apply "G.", 12 Leaside Crescent, Golders Green, N.W.11; or phone Speedwell 8005 or Edgware 4545.

**A** QUALIFIED lady or gentleman required, June, permanency; Sussex Coast; light duties; suit semi-retired. Salary and particulars to 166/15, Office of this Paper.

**A**SSISTANT, Unqualified, required until about October; must be a good Salesman and accurate Dispenser. Apply, giving full particulars, with photo if possible, and salary required, Spenceley, Common Garden Street, Lancaster.

**E**XPERIENCED Unqualified Assistant wanted, permanency; must be really smart Counterman, Window-dresser, reliable Dispenser and accustomed to the sale of Photographic and Toilet Goods (age 25-35). Apply, giving full particulars, salary required, photo, experience, to W. F. Cole & Sons, 41 London Road N., Lowestoft.

**J**ULY-SEPTEMBER INCLUSIVE.—Locum required, unqualified; Young Lady or Gentleman; applicants must be of good address and education, possess sound knowledge Salesmanship, and accustomed to high-class business; Dispensing not essential. Matthews & Son, 25 High Street, Wanstead, Essex.

**J**UNIOR Assistant wanted for high-class Dispensing, Toilet and Counter; possible permanency. Apply, with age, height, references, photo and salary, 167/22, Office of this Paper.

**J**UNIOR Male Unqualified Assistant required immediately for Dispensing, Front Counter and Window-dressing; knowledge of Photographic Sales necessary; no developing or printing; no Sunday duty. Send photo, references, and state salary expected. J. Muir Martin, Chemist, Salisbury.

**L**ADY Dispenser required by Thornton Heath Doctor; state salary. 166/17, Office of this Paper.

**L**ADY (Qualified) required at once, permanency, to control Retail shop (London); good prospects capable applicant; no Sundays; salary (commence) £4 10s. Write, age, height, experience, last 3 years' references, photo if possible, 166/25, Office of this Paper.

**L**EWIS & BURROWS have a vacancy for Qualified Relief Assistant. Apply 146 Holborn, E.C.1.

**L**OCUM, Qualified (age under 45), wanted June 20 to July 2; easy hours; no Sunday duty. Apply, giving particulars of age, whether married or single, salary required, experience, etc., to Plattin, Chemist, 222 Moulsham Street, Chelmsford, Essex.

**L**OCUM, Qualified, Lady or Gentleman, wanted for a fortnight in July, in a small country town near the East Coast. Apply, stating age, references, and salary required, to 168/16, Office of this Paper.

**L**OCUM.—Qualified Lady required to manage business June 11 to June 25, or near dates; corresponding dates in July would do; comfortable accommodation on premises, if desired. Apply, with references and salary required, to Novis & Peck, Hangleton Road, Hove.

**L**OUM.—Qualified required for Holiday Relief in Sheffield, either sex (young preferred); June 13 to 25, and August 1 to September 24. Please state age and salary required, 165/4, Office of this Paper.

**L**OUM, Qualified, required for Manchester district, for four months commencing June 7; state experience, salary and age, etc., 325/830, Office of this Paper.

**L**OUM, Qualified, required from June 20 to July 2 for Dispensing and Counter; also Unqualified Assistant from July 18 to August 20. State age, salary required, to Jones & Co., Ltd., 161 New Cross Road, London, S.E.14.

**M**ANAGER for a branch, age between 35 and 40; outdoor, no store man; good organiser; progressive to a suitable man; permanency; seaside. State full particulars as to experience, etc., available in a month. 165/12, Office of this Paper.

**M.P.S.** —PERMANENCY, for Southern working-class town. Apply, with particulars and salary required, to 167/3, Office of this Paper.

**M.P.S.** —YOUNG Lady required for a Departmental Store in the North, closing half day Saturday. Apply, stating age, experience, salary required, and enclosing photograph, which will be returned. 325/829, Office of this Paper.

#### PHARMACY.

**U**NQUALIFIED Male Assistant required as Locum.

Unqualified Female Assistant, as holiday relief. Widows and single persons only considered. Apply in writing, stating age and experience, to the Staff Manager, Royal Arsenal Co-operative Society, 113 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy."

*Note.*—Canvassing of members of the General Committee or Officials will disqualify.

**PHOTOGRAPHIC DEPARTMENT.**—A vacancy occurs for a competent Manager for D. and P. Department on the South Coast; must have had good previous experience; capable of control of staff and ensuring output; permanency; good conditions to right applicant. Apply 325/825, Office of this Paper.

**Q**UALIFIED.—A smart young male Assistant required for busy London Pharmacy; permanent position for enthusiastic worker. Write, giving details of experience, age and commencing salary required, 167/37, Office of this Paper.

**Q**UALIFIED and Unqualified ladies and gentlemen for the season; Counter, Photo Sales, Toilets experience and good references essential; engagement commencing any time before Whitsun; lodgings reasonable; full particulars and salary required in first letter, please. Hudsons, Chemists, Skegness.

**Q**UALIFIED Assistant (male) (age 28-40) wanted for old-established Family business; must have high-class Dispensing experience. Apply Garner & Pope, Ltd., 244 Haverstock Hill, London, N.W.3.

**Q**UALIFIED Assistant required (June 6). State experience, height and age, also salary required, references, and photo if possible, Leonard Stearn, 268 Mill Road, Cambridge.

**Q**UALIFIED Assistant, to manage branch shop; keen and energetic worker. Apply, giving full particulars of experience and salary required, to 167/34, Office of this Paper.

**Q**UALIFIED Assistant (under 30), with view to management later; busy medium-class Cash business, with N.H.I.; South London; state age, height, salary required and when at liberty. Also Qualified locum, 8 or 9 weeks from July 4. 167/8, Office of this Paper.

**Q**UALIFIED Assistant wanted as soon as possible for permanency; good Salesman and Window-dresser. Wm. C. Harris, Chemist, 220 Hither Green Lane, Lewisham, S.E.13. Phone: Lee Green 3078.

**Q**UALIFIED Assistant wanted, Dispensing, Counter, D. & P., etc.; capable of taking charge when required, for old-established Seaside business. State experience, age, references, and salary required. Chemist, Old Pier Street, Walton-on-Naze, Essex.

**Q**UALIFIED Lady Assistant required, mainly for Dispensing. Please give all essential particulars as to age, experience, salary required and when available in first letter, to 167/1, Once of this Paper.

**Q**UALIFIED Man for Store Drug Department, with knowledge of Toilet and Photographic. Send copies of references, age, salary and photograph to Jarrold & Sons, Ltd., London Street, Norwich.

**Q**UALIFIED Managing Assistant for busy N.H.I. business, brisk mixed-class Counter trade, Toilets, Photography; well staffed; salary £4 10s. weekly and self-contained flat (free); permanency; comfortable berth. Write, Clarks, 48 Broadway Market, London Fields, E.8.

**Q**UALIFIED Young Lady or Gentleman required; one recently qualified would suit; permanency if desired. Apply, with photograph and salary required, Murrays, 14 Electric Parade, Clacton-on-Sea.

**S**EASON Assistants required, Qualified and Unqualified, June to September, for good-class business with Photographics; applicants must be good Salesmen, courteous in manner, competent and undeniably trustworthy. Kindly state full particulars, age, height, salary required, married or single, previous experience, etc., and enclose photo (returnable), to D. T. Evans, Ltd., Chemists & Opticians, Margate.

**S**URGICAL.—G. E. Bridge & Co., Ltd., Chemists and Surgical Appliance Makers, 125 Old Christchurch Road, Bournemouth, require the services of an experienced Lady Fitter; knowledge of making belts, etc., an advantage. Apply Managing Director, stating age and full particulars.

**T**HIS STOCKPORT LTD. and E. CO-OPERATIVE SOCIETY, LTD., 27-33 Chestergate, Stockport, require the services of a Junior Qualified Assistant for quick Counter trade and Dispensing; must be energetic and obliging; wage £4 5s. per week. Application by letter only, stating age and experience, together with copies of two recent testimonials, to reach the Society not later than first post on Friday, May 13, 1938, endorsed "Chemist." By Order of the Committee, S. Lloyd, General Secretary.

**T**IMOTHY WHITES & TAYLORS have several permanencies for Unqualified Assistants in London and on the South Coast. Apply, giving full particulars to Retail Staff Manager, 70 Vauxhall Bridge Road, London, S.W.1.

**U**NQUALIFIED Assistant required (age 18-23); knowledge of Developing and Printing an asset; a good opportunity to gain valuable experience with Chemist-Optician. Send particulars of experience, age and salary expected. 283 Northolt Road, South Harrow, Middlesex.

**U**NQUALIFIED Assistant required, either sex, for good-class Family business. Please give details of experience, salary required, etc. (interview arranged). Price, 79 Banstead Road, Carshalton Beeches, Surrey.

**U**NQUALIFIED Assistant required for London; capable man in all departments; salary 60s. per week. Apply, giving full particulars, to 325/827, Office of this Paper.

**U**NQUALIFIED Assistant required, Yorkshire, W.R., town; accurate Dispenser and good Window-dresser. Apply 167/16, Office of this Paper.

**U**NQUALIFIED Junior Assistant required for June, July, August and September. State age, height, experience and wages required. Also Qualified Locum from June 10 to July 5 inclusive. State fully the fees required for this period. Keely, 525 Lytham Road, Blackpool.

**U**NQUALIFIED Junior Assistant wanted from about June 1 for four months; good-class Dispensing and Counter experience essential; full particulars with application. Bastow, North Street, Chichester.

#### PHOTOGRAPHS, TESTIMONIALS, &c.

When replying to advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. Many of these announcements produce an exceptionally large response and, as can be readily understood, the task of returning photographs, testimonials, &c., is one of some difficulty.

**UNQUALIFIED** Junior, reliable, trustworthy, pleasant personality, for Dispensing, Counter, Window-dressing, etc.; no Sunday duty. Apply, giving full particulars, with photo (returnable) if possible (age 19-21), to Woolatt & Coggin, Chemists, Ware, Herts.

**VACANCY**.—End of May, in good-class Pharmacy, for young Qualified Assistant; easy hours; pleasant surroundings. J. A. Dover, Manor Pharmacy, Cheam, Surrey.

**VACANCY** will occur shortly in London, S.W.9, for a male improver or Junior Assistant; must be willing to co-operate in business with small quick turnover. State age, experience, salary, etc., to 167/25, Office of this Paper.

**WANTED**.—A competent and experienced Optician, for a good-class Dispensing and Retail business, with Optical and Photographic connexions; Optical qualifications essential (registered J.C.Q.O.); permanent and progressive appointment; must be a good Salesman, courteous and trustworthy. Kindly state full particulars of former experience, both Optical and Pharmaceutical, age, height, salary required, married or single and enclose recent photograph (returnable), to D. T. Evans, Ltd., Chemists & Opticians, Margate.

**WANTED**, a Qualified Man, to assist in the management of a Pharmacy and Optical business, with knowledge of Photography and D. and P. work (age 25 to 35). Apply, personally if possible, or write to A. Rees, 49 High Street, Bulleid, Essex.

**WANTED**, June 1, Lady Dispenser and Book-keeper; Protestant; fully experienced and able to type; hours 9 a.m.-12 noon, 5 p.m.-8 p.m.; salary £3 3s. per week. Apply Dr. B. Mackenzie, Hegarty, 42 Montrose Avenue, Luton.

**WANTED**, May 16 or thereabouts, Assistant, lady or gentleman, well experienced in high-class Toilet articles, accustomed to Dispensing; Hall qualification advantageous, but not essential. Apply, stating age and usual particulars, to Parry-Jones & Co., Dispensing Chemists, Barnet.

**WANTED**, Qualified male, steady man as cover for Channel Islands; permanent position; light duties; suit ex-service man partly incapacitated. State salary required to Registered, Albion Hotel, Guernsey.

**WANTED**, Smart, attractive Lady Assistant; good Saleslady, competent, for Cosmetic counter. Write, stating age, salary required, experience, when free, to Kait's Pharmacies, Ltd., 77 Camden High Street, London, N.W.1.

**WANTED**, Unqualified Assistant. State full particulars, experience, age, salary required (photo), to W. E. Barker, Chemist, Burnham, Bucks.

**YOUNG**, capable, Unqualified male Assistant wanted, with all-round experience, for country Pharmacy. Full particulars, age and salary to Baker, Chemist, Marlborough.

**YOUNG** Lady Assistants required to manage Drug Stores in the South of England; applicants must be well educated and of good appearance and personality, and accustomed to Drug trade; aged 25-35; good wages given to chosen applicants. Write 164/1, Office of this Paper.

**YOUNG** Qualified Assistant required; permanency. Apply, A. J. Hall, 97 High Street, Maidenhead, Berks.

**£3 PER WEEK**.—Unqualified Assistant required on South Coast for seasonal and relief duty; possibility of permanency; opportunity for good experience. Apply, 325/826, Office of this Paper.

#### WHOLESALE

**EXPORT EXECUTIVE** required with knowledge of the routine of a modern Export Department and experience of developing Export sales, preferably of advertised proprietary lines. Good opening for vigorous young man who has been assistant to the Export Manager of a similar business. Applications which will be treated as strictly confidential should give full details of business experience and state salary required. Mark "Export Executive" and post to

**MILTON PROPRIETARY LTD.**  
12 Brewery Road, N.7

**A** WELL-KNOWN firm (proprietary) want live Salesmen all main centres on nominal salary and sound commission. Send details of ground, connexion, lines handled (if any) and references. Fullest details first letter; sound prospects. 164/7, Office of this Paper.

**LADY** Laboratory Assistant required; Hall qualification; for London manufacturers of Perfumery. Write, stating experience and salary required, 325/822, Office of this Paper.

**PHARMACEUTICAL**.—Wanted for leading house in Irish Free State, active man to take charge of Wholesale section. State qualifications, experience, age, salary, 165/11, Office of this Paper.

**REPRESENTATIVE**, commission, with established connexion with Chemists, required by important firm manufacturing Photographic goods. Reply, stating territory covered, to W. H. C., Osborne-Peacock Co., Ltd., 3 Norfolk Street, London, W.C.2.

**REQUIRED** by the Distributors of Two Nationally-advertised Perfumes, Commission Representatives; good commission offered. Write stating age, experience, districts covered; opportunity after trial to join the Sales Organisation. 325/828, Office of this Paper.

**TABLET-MAKER** and Sugar-coater wanted, for London Wholesale Druggists. 324/798, Office of this Paper.

**THREE** live Representatives required by well-known firm of Manufacturing Chemists, for North Wales, Northern Ireland, Cumberland, Durham, Westmorland and Northumberland; high commission basis only; car owners preferred; must have good connexion amongst Chemists and Druggists. Write, stating age, experience, etc., 325/824, Office of this Paper.

**WANTED** for several areas, Representatives already calling upon Chemists, to carry a very attractively packed and C.F. registered side-line; a liberal commission offered as a tentative basis of remuneration. Apply, stating territory covered, to Holy Well Products, The Square, Neath.

#### COLONIAL, INDIAN AND FOREIGN

**WORKS** Manager required by old-established Firm of Manufacturing Chemists in Calcutta; must have experience of large scale manufacture—Galenicals, Tablets, Tinctures, Alkaloids and control of Analytical Laboratory; preference given to applicant with Diplomas and Engineering knowledge for erection and maintenance of plant; 3 years' agreement, with passage both ways; salary Rs. 600 per month, rising to Rs. 700, and free unfurnished quarters provided; a first-class opportunity, with good prospects, for the right man. All applications treated in strictest confidence. Apply, stating if available for personal interview if required in London during June or July, to Box No. 12, c/o Crossley & Co., Ltd., 5 Racquet Court, Fleet Street, E.C.4.

#### SITUATIONS WANTED

##### RETAIL (HOME)

**2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)**

**A.A.A.A.**—D.B.A., M.P.S. (27), Registered O.B.A.C. and J.C.Q.O., desires permanency; London or near preferred, but not essential if remuneration adequate; experienced Manager, West End, suburbs, provinces; keen, capable, dependable, energetic; excellent references; interview any time. Chemist, 182 Benhurst Avenue, Elm Park, Romford, Essex.

**A**S Locum; two successful years in London; thoroughly experienced all branches. Chemist, 45 Broadwater Avenue, Letchworth.

**A**SSISTANT (28), experienced high-class Family and West End Business; expert Dispenser. C. H. J. Bishop, 41 Hillcross Avenue, Morden, Surrey.

**A**SSISTANT (28), Unqualified; all-round experience (West End); accurate Dispenser; Window-dressing; London. "C.", 44 Turnerville Road, W.14.

**B**IRMINGHAM or near; Dispenser, Hall; varied experience; Dispensing, Book-keeping, Typewriting, Surgical, Counter, Toilets, Photography; suit Chemist or Doctor. 166/18, Office of this Paper.

**ALL DRUG AND FINE CHEMICAL WORKERS  
SHOULD JOIN AT ONCE  
THE CHEMICAL WORKERS' UNION**

Reg. T.U. No. 1696 - Founded 1912

**BENEFITS:** Trade Protection, Legal Aid, Unemployment Benefit, Free Use of Employment Bureau

WRITE FOR PARTICULARS: Arthur J. Gillian, Gen. Sec., 149 Newington Causeway, London, S.E.1

**E**VENING work required by Qualified Chemist. Apply 166/6, Office of this Paper.

**E**XPERIENCED Unqualified (39), over 20 years' good-class Family Retail and Dispensing; seeks permanency or seasonal post; 13 years last post. "Eyns," 2 Holme View, Ilkley, Yorks.

**L**ADY Dispenser (Hall), Secretary, desires post with Doctor; experienced; good testimonials; Eastern district preferred. 169/1, Office of this Paper.

**L**ADY (Hall), desires evening or week-end work; Doctor's dispensing or Bookkeeping. Telephone: Miss Thompson, Royal 1911.

**L**Ocum or Season, Seaside or Country; fully experienced Dispenser and Counter man; free May 15. Benson, 15 Grove Hill, South Woodford, E.18.

**L**Ocum, Qualified (22), experienced; good Dispenser; keen, active; free during May and first two weeks in June; Northumberland area. Verity, "Homemead," Greengate Lane, Knaresborough.

**L**Ocum, Qualified (40), ex-proprietor; reliable, experienced; free June 13 to July 23; London or South. 167/4, Office of this Paper.

**L**Ocum, Unqualified Lady, desires post; Dispensing and Counter; excellent references; booking now. "Chemist," 7 Dunbar Road, Forest Gate, E.7.

**M**ANAGER (30), married, 14 years' all-round experience Dispensing, Sales, Photographic and Windows, desires change. 166/24, Office of this Paper.

**M.P.S.**, MANAGER or Superintendent (42; war pension), reliable; recommended; thoroughly experienced; light work; salary £3 10s.; interview desired. 166/9, Office of this Paper.

**M.P.S.** (45), as Locum; reliable; experienced; free May 9 to May 21 and May 30 to June 10 only; London or near. Chemist, 17 London Road, High Wycombe, Bucks.

**M.P.S.** (33), free May 28; tall, good address and appearance; married; requires position as manager; well experienced; good references; would live over shop. Chemist, 1 Lavender Hill, S.W.11. Phone: BAT. 5174.

**M**IDDLE-AGED, Qualified, requires situation; thoroughly experienced in all departments, including Veterinary Manufacturing, Window-dressing and Book-keeping; not afraid of hard work, when and where necessary. Full particulars and references from 167/55, Office of this Paper.

**P**H.C., Student (22), 5 years Retail, with high-class experience; requires post, June-September; tall, good appearance and references. Beaumont, 23 Rocheford Grove, Leeds, 10.

**Q**UALIFIED, energetic young lady seeks situation in good middle-class Family and Dispensing business with view to early succession; experienced good-class Private and brisk Insurance Dispensing; Birmingham or near. 166/16, Office of this Paper.

**NAMES AND ADDRESSES**

When sending advertisements for any of the columns of this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not adhered to and delay and disappointment ensue. Strict attention to this detail will be appreciated.

**CLEAR OUT**—your Old or Damaged Stock of Photo Goods. Why keep them any longer? Turn them into CASH. I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers, Cards (any sizes). Old Photo Goods or Cameras. Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.

**S. E. HACKETT, 23 July Road, Liverpool**

**Q**UALIFIED, young, requires progressive position; knowledge of Optics; Bristol or West of England preferred; free one month. 167/32, Office of this Paper.

**U**NQUALIFIED Assistant (21), male, height 5 ft. 9 in., all-round experience, requires post till middle of September. Bathurst, Woburn Sands, Bucks.

**U**NQUALIFIED, Male (22), seeks post, North preferred; experienced all branches. 167/5, Office of this Paper.

**U**NQUALIFIED Young Woman Sales-Assistant, disengaged owing to sale of business; all-round experience, Window-dressing, Toilets, etc.; Essex preferred. 165/70, Office of this Paper.

**WHOLESALE**

**A**DVERTISER, having first-class experience as Manufacturer of Toilet Preparations and Cosmetics, seeks post; own formula; used to modern methods and factory control. 167/36, Office of this Paper.

**C**OSENOMICS.—Advertiser seeks situation; first-class experience of formulating and compounding all types of Cosmetics and Toilet Preparations. T. J. Favell, 7 Queen's Crescent, N.W.5.

**F**OREWOMAN seeks position in Factory; used to controlling labour; experienced labelling and wrapping. 167/20, Office of this Paper.

**G**ENTLEMAN (40), many years own manufacturing business, requires situation in any capacity where experience and initiative may be of account. Advertiser has travelled extensively, has good knowledge Continental drug markets, synthetic perfumes, essential oils, lubricants, as well as having had own tablet plant; salary is of secondary importance. 167/28, Office of this Paper.

**L**ONDON Chemist representative; 20 years' connexion; over 900 regular accounts; requires a good side line. 167/14, Office of this Paper.

**M**AN and Wife having retired from Retail business, would represent Wholesale House; full knowledge of Patents, Packed Goods, Toilets, etc.; willing to use own car. 165/7, Office of this Paper.

**R**EPRESENTATIVE, 10 years' nationally-known firm, live connexion Chemists, London, Home Counties, S.E. and S.W. England, seeks engagement; experienced car driver; highest credentials. "Reps," 48 Dagmar Avenue, Wembley, Middlesex.

**S**MART, Intelligent Warehouseman (disengaged), seeks employment; London, Kent, preferred. 168/5, Office of this Paper.

**T**HIRTY Years' experience, Representative, Propagandist; car; excellent record, health, address; salary and expenses. "Hippocrates," c/o Jackson, Rowan Avenue, Boothville, Northampton.

**Y**OUNG AUSTRIAN, Pharmaceutical Chemist and Druggist, at the moment partner in a chemist's shop and a Pharmaceutical product, supervising the industrial side of the firm, speaking French, English, German, willing to learn other languages if necessary (24), protestant, married, seeks employment in this line in England or the Dominions and Colonies. Contract for a period desired. Offers to "Box W. L. 1250," c/o Rudolf Mosse A.G. Vienna I/1.

**Y**OUNG Unqualified Assistant seeks progressive post in Wholesale or Manufacturing house. Apply, Harding, 195 Southborough Lane, Bromley, Kent.

**ANNUAL COUNCIL ELECTION**

**VOTE FOR THE RETIRING COUNCILLORS:**

**J. H. FRANKLIN**  
**G. R. KNOX MAWER**  
**A. R. MELHUISH**  
**L. MORETON PARRY**  
**P. F. ROWSELL**  
**F. G. WELLS**  
**J. C. YOUNG**

They Stand for

**CONTINUED PROGRESS**  
 and  
**PHARMACY FOR THE PHARMACIST**

LATEST DATE FOR POSTING, MAY 17TH

**COLONIAL, INDIAN AND FOREIGN**

**E**NGLISHMAN (30), eight years' experience in sales and Medical propaganda in India; seeks appointment in that territory. Apply 167/7, Office of this Paper.

**Q**UALIFIED Member of the Pharmaceutical Society of Malta seeks situation at salary not less than £400 yearly, anywhere in British Empire where Maltese Ph.C. Diploma is recognised, or would accept temporary position yielding means to qualify in England; reason, deplores working conditions of the profession in Malta. Write, Box R67CD, Malta Trade Journals' Service Agency, Sliema, Malta.

**FOR SALE**  
 (Articles to the value of £5-£50.)

**A**UTOWAY Personal Weighing Machine in good condition, £5 10s., carriage paid. Write, Cater, Stoffell & Fortt, Ltd., High Street, Bath.

**F**OR SALE.—Chemist Show Cases and Counter, in solid oak, all in perfectly new condition. For particulars apply Brainsby Properties, Ltd., 22 Priestgate, Peterborough.

**O**NE B.P., one B.P.C., one Pharmaceutical Formulas Part I, ditto Part II; all the above latest publications; offers wanted for each or all of above; also other books; stamp for list. Smith, Highfield Lane, Keighley.

**S**MALL National Cash Register; records all sales and adds takings; must sell. Write W. Kemp, 22 Brewery Road, S.E.18.

**PHARMACEUTICAL COUNCIL ELECTION, 1938**

DO IT NOW! VOTE FOR

**Councillor HODGSON**  
 AND  
**PHARMACY FOR THE PHARMACIST**

**MISCELLANEOUS**

10s. for 60 words or less; 1s. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**I**DEAL CHEMIST SHOP FIXTURES and Fittings, New, Second-hand and Shop-soiled, to be selected from our varied stock, at advantageous prices. Carboys, Shop Rounds, Cash Registers, Tills, Safes, Dispensing and Personal Weighing Machines. Courteous attention will be afforded any enquiry, large or small. Your inspection is cordially invited. Send your requirements to RUDDUCK & CO., 219 Old Street, London, E.C.1.

**S**HOP SOILED FITTINGS.—A complete set in Light Oak suitable for beginner or branch; can be seen at, or full particulars from, PHILIP JOSEPHS & SONS, LTD., 90-92 St. John Street, Clerkenwell, E.C.1. Telephone: Clerkenwell 4111-2. "Pharmacy Fitters for Over a Century."

**T**REBLES for New and Second-hand Fittings, Alterations, Shop Fronts, Glass Cases, Dispensing Screens, Counters, Drawers, Service Trays, Window Fittings, Wall Cases. Send your requirements, 549 Lea Bridge Road, Leyton, London, E.10. "Phone: LEY 2370."

**W**HY NOT BE A SALESMAN? We are constantly introducing our trained Students to Salaried Posts as Outdoor Salesmen. Why not qualify for this well-paid progressive work? You can do so through spare-time home study, after which you will be introduced to SALARIED POSITIONS. Learn all about the opportunities which exist for Attwood-trained Salesmen. Write for Free Copy of 32-page Brochure "Salesmanship," to the WALLACE ATTWOOD COLLEGE, LTD., Dept. 84, Victoria House, Southampton Row, London, W.C.1.

**L**£9—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our showrooms a Complete Chemist's Shop with Metal Shop Front, Window Backs, Correct Window Lighting, Signs and Modern Interior Fittings. Apply for Lists, D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

*For 500 years doctors have been prescribing it—  
NOW YOU CAN SELL IT . . . .*

# GASTEIN

*Spa Water*

**NOW AVAILABLE IN BOTTLES—WITH THE  
RADIO-ACTIVITY UNIMPAIRED—**

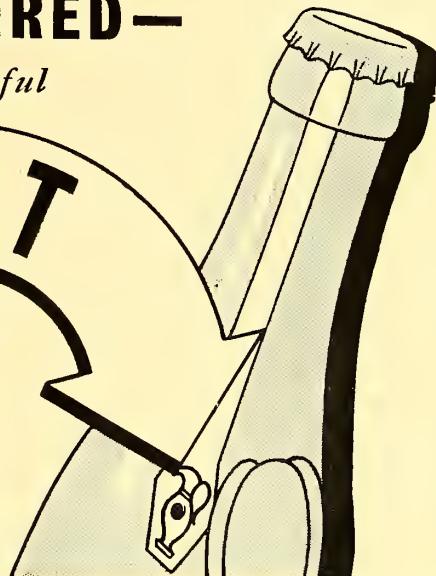
*thanks to Dr. Klinghoffer's Wonderful*

## 'K' ELEMENT

For 500 years Gastein Spa Waters have been making money for others—**NOW IT'S YOUR TURN.** Thanks to the 'K' Element, a discovery of the Austrian scientist Dr. Klinghoffer, the waters of this world-famous Austrian Spa indefinitely retain their curative and tonic properties when bottled. The consequences are obvious. Doctors will be prescribing Gastein Water for home consumption. The public will be drinking it in copious quantities for its manifold benefits. At last a radio-active Spa Water is available when and where it is required! Advertising plans are in hand. Send now for supplies and further information.

**GUARANTEE.** The full radio-activity of bottled Gastein Water is guaranteed by the Department of Measures of the Radium Institute (Curie Laboratory) Paris.

*Gastein Water is prescribed for  
RHEUMATISM, ARTHRITIS, GOUT  
and similar ills  
LIVER and NERVOUS COMPLAINTS  
and as a  
TONIC and REVITALIZER*



## AS AT THE SPRING-HEAD SO IN THE BOTTLE!

**ORDER NOW!** Gastein Water is tasteless and odourless. It can be taken alone or with spirits. Be ready for the demand and order your supplies NOW! Full details of special offers and educative literature on Gastein Water sent free on request. Please apply to the

General Agents :  
THE RADIO-ACTIVE MINERAL WATER CO. LTD.  
49 Southwark Street, London, S.E.1

*Gastein is life*

# Reducing

*Increases Your Profit!*

MARIENBAD SLIMMING TABLETS  
are obtainable in three styles of packing . . .

- 1 Marienbad Anti-Obesity Tablets.
- 2 20 Days' Slimming Treatment.
- 3 Marienbad Slimming Treatment.

Packed in card boxes containing 60 silver-coated tablets.

Weight Card and full diet instructions are enclosed in each box.

**PRICE**

**9/6** doz., usual retail price **2/-**

**NOW IS THE TIME TO FEATURE  
THESE PROFITABLE SPECIALITIES**

**ARTHUR H. COX & CO. LTD.**

Manufacturing Chemists  
**BRIGHTON**



